

DigiBird Technology Co., Ltd.

UniStream AV-over-IP

User Manual V1.0

DIGIBIRD www.digibirdtech.com



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1 Hardware Introduction

1.1 Brief Introduction

UniStream is a network-distributed AV&KVM system to deliver streams up to 4K/60Hz, YUV 4:4:4, over 1Gbps network. With combination of light-compression codec and H.264/H.265 codec, it breaks through constrains of system scalability, delivers visual-lossless experiences within local premise, and enables AV&KVM distribution among different locations.

UniStream has 3x models based on functions differentiation, UniStream-T, UniStream-B+ and UniStream-B. Each model consists of transmitters, receivers, controllers and mounting rack.

MODELS	DESCROPTION
UniStream-T	Both DB-VC2 and H.264/H.265 codec, color sampling 4:4:4
UniStream-B+	H.264/H.265 codec, color sampling 4:4:4
UniStream-B	H.264/H.265 codec, color sampling 4:2:0

1.2 Transmitters

1.2.1 UniStream-T Series

UniStream-T contains various transmitters and receivers as shown in following table:

ТҮРЕ	MODEL	INTERFACE
TRANSMITTER	Collaboration endpoint (KU) Workstation endpoint (KM) AV endpoint (VA)	HDMI, 4K-HDMI, 4K60-HDMI, DP, 4K-DP, DVI-I HDMI, 4K-HDMI, 4K60-HDMI, DP, 4K-DP, DVI-I HDMI, 4K-HDMI, 4K60-HDMI, DP, 4K-DP, DVI-I, SDI
RECEIVER	Collaboration endpoint (KU) Workstation endpoint (KM) AV endpoint (VA) Video Wall (VW)	HDMI, 4K-HDMI, DP, 4K-DP, DVI-I HDMI, 4K-HDMI, DP, 4K-DP, DVI-I HDMI, 4K-HDMI, DP, 4K-DP, DVI-I, SDI HDMI, 4K-HDMI, DP, 4K-DP, DVI-I

1.2.1.1 Collaboration Transmitter

Collaboration transmitter supports 1x channel audio and video encoding, 1x Keyboard and mouse control signal transmission and USB data transmission.









Config	Micro USB to config device			
RESTORATION	Hold 5s to restore factory set			
IR	IR IN: Reserved for future IR OUT: Reserved for future			
LED PANEL	Display IP and MAC address			
BUTTON	2x buttons, support self-define			
STATUS INDICATOR RUN: Keep flashing indicates running normally, rapid flashing indicates remain unconfigured. <u>PWR:</u> Power indicator, keeps flashing during working Video status indicator, keeps on when input detected Keeps on when connect with Signals Keeps on when loop-out port connected 1: Network connection status indicator, keeps on during working 2: Research for future				
NETWORK PORT	<u>NET1:</u> RJ45 network port, supports POE. <u>NET2:</u> Reserved for future			
SFP	SFP Connector, compliant with DigiBird fiber products only			
VIDEO INPUT	HDMI /4K-HDMI / 4K60-HDMI / DP / 4K-DP / DVI-I			
LOOP OUT	HDMI /4K-HDMI / 4K60-HDMI / DP / 4K-DP / DVI-I Loopout			
KEYBOARD & MOUSE	Connect to computer for KM control			
RELAY CONNECTOR	Supports 2x relay device			
SERIAL	RS232 control, baud rate: 9600、19200、38400、57600、115200			
AUDIO	3.5mm mini-jack			
AUDIO LOOPOUT	Phoenix Audio Loop out			
AUDIO OUTPUT	3.5mm audio output for bilateral audio transmission			
POWER	12V DC			
GROUND	For power ground			
OTHERS	Reserved			

6

HDMI /4K-HDMI / 4K60-HDMI / DP / 4K-DP endpoints support embedded audio.

1.2.1.2 Workstation Transmitter

Workstation transmitter supports 1x channel audio and video encoding, 1x Keyboard and mouse control signal transmission.







Rear View			USB		N OUT DC 12V	() () () () () () () () () () () () () (
	Video Input	Video Loopout	Relay USB Se	Audio Loopout rial Port Audio	Audio Output	Earthing

Config	Micro USB to config device
RESTORATION	Hold 5s to restore factory set
IR	IR IN: Reserved for future IR OUT: Reserved for future
LED PANEL	Display IP and MAC address
BUTTON	2x buttons, support self-define
STATUS INDICATOR	RUN: Keep flashing indicates running normally, rapid flashing indicates endpoint remain unconfigured. PWR: Power indicator, keeps flashing during working VIDEO: Video status indicator, keeps on when input detected USB: Keeps on when connect with Signals LOOP: Keeps on when loop-out port connected 1: Network connection status indicator, keeps on during working 2: Reserved for future
NETWORK PORT	NET1: RJ45 network port, supports POE. NET2: Reserved for future
SFP	SFP Connector, compliant with DigiBird fiber products only
VIDEO INPUT	HDMI /4K-HDMI / 4K60-HDMI / DP / 4K-DP / DVI-I
LOOP OUT	HDMI /4K-HDMI / 4K60-HDMI / DP / 4K-DP / DVI-I loop-out
KEYBOARD & MOUSE	Connect to computer for KM control
RELAY CONNECTOR	Supports 2x relay device
SERIAL	RS232 control, baud rate: 9600、19200、38400、57600、115200
AUDIO	3.5mm mini-jack
AUDIO LOOPOUT	Phoenix Audio Loop out
AUDIO OUTPUT	3.5mm audio output for bilateral audio transmission
POWER	12V DC
GROUND	For power ground
OTHERS	Reserved
HDMI /4K-HDMI / 4I	K60-HDMI / DP / 4K-DP endpoints support embedded audio.

1.2.1.3 AV Transmitter

AV transmitter supports 1x channel audio and video encoding.





Front View	VA Transmitter 192 164 1 203 Reset IR Front LCD Status Indicator Status Indicator Config Port Buttons RJ45
Rear View	Image: Non-our USB Image: Non-our USB Image: Non-our USB Image: Non-our USB Image: Non-our Image: Non-our
Config	Micro USB to config device
RESTORATION	Hold 5s to restore factory set
IR	IR IN: Reserved for future IR OUT: Reserved for future
LED PANEL	Display IP and MAC address
BUTTON	2x buttons, support self-define
STATUS INDICATOR	RUN : Keep flashing indicates running normally, rapid flashing indicates endpoint remain unconfigured. PWR: Power indicator, keeps flashing during working YIDEO: Video status indicator, keeps on when input detected USB: Keeps on when connect with Signals LOOP: Keeps on when loop-out port connected 1: Network connection status indicator, keeps on during working 2: Reserved for future
NETWORK PORT	<u>NET1:</u> RJ45 network port, supports POE. <u>NET2:</u> Reserved for future
SFP	SFP Connector, compliant with DigiBird fiber products only
VIDEO INPUT	HDMI /4K-HDMI / 4K60-HDMI / DP / 4K-DP / DVI-I
LOOP OUT	HDMI /4K-HDMI / 4K60-HDMI / DP / 4K-DP / DVI-I loop out
RELAY CONNECTOR	Supports 2x relay device
SERIAL	RS232 control, baud rate: 9600、19200、38400、57600、115200
AUDIO	3.5mm mini-jack
AUDIO LOOPOUT	Phoenix Audio Loop out
AUDIO OUTPUT	3.5mm audio output for bilateral audio transmission
POWER	12V DC
GROUND	For power ground
OTHERS	Reserved

1.2.1.4 Collaboration Receiver

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Workstation collaboration receiver supports transmission of 1x channel video, 1x set KM control signal and USB data, can manage remote computers at Workstation desk.







1.2.1.5 Workstation Receiver

Workstation collaboration receiver supports transmission of 1x channel video, 1x set KM control signal and USB data, can manage remote computers at Workstation desk.







AV Receiver 1.2.1.6

AV receiver supports 1x channel video output and quad-view display at display.





Video Wall Receiver 1.2.1.7

Video wall receiver supports 1x channel video output and video wall display management.

Front View	WW. Receiver 192 (163 20) REF REF REF REF REF Fiber Open of the status indicator Reset IR Front LCD Status Indicator Status Indicator Config Port Buttons R/45 Fiber			
Rear View	HIMI-DUT HEMI-DUT Relay Audio Output Video Output Serial Port Audio Input Power			
Config	Micro USB to config device			
RESTORATION	Hold 5s to restore factory set			
IR	IR IN: Reserved for future IR OUT: Reserved for future			
LCD PANEL	Display endpoint transmitter and receiver			
BUTTON	2x buttons, support self-define			
STATUS INDICATOR	RUN: Keep flashing indicates running normally, rapid flashing indicates endpoint remain unconfigured. KM: Keeps on when keyboard and mouse properly connected PWR: Power indicator, keeps flashing during working VIDEO: Video output indicator, keeps on when connecting to monitor IN1: Reserved IN2: NET2 status indicator, keeps on when working normally 1: Network indicator, keeps on when working normally 2: Fiber indicator, keeps on when working normally			
NETWORK	NET1: RJ45 connector, supports POE			
SEP	Reserved			
VIDEO OUTPUT	HDMI /4K-HDMI / DP / 4K-DP / DVI-I			
RELAY CONNECTOR	Supports 2x relay device			
SERIAL	R\$232 control baud rate: 9600 19200 38400 57600 115200			
AUDIO INPLIT	Received			
	3.5mm audio output			
POWER	12V DC			
GROUND	For power ground			
HDMI /4K-HDMI	/ 4K60-HDMI / DP / 4K-DP endpoints support embedded audio.			

1



1.2.2 UniStream-B+/B

UniStream-B contains various encoders and decoders as shown in following table:

ТҮРЕ	MODEL	INTERFACE
ENCODERS	Collaboration endpoint (KU) Workstation endpoint (KM) AV endpoint (VA)	HDMI, 4K-HDMI, 4K60-HDMI, DP, 4K-DP, DVI-I HDMI, 4K-HDMI, 4K60-HDMI, DP, 4K-DP, DVI-I HDMI, 4K-HDMI, 4K60-HDMI, DP, 4K-DP, DVI-I, SDI
DECODERS	Collaboration endpoint (KU) Workstation endpoint (KM) AV endpoint (VA) Video Wall (VW)	HDMI, 4K-HDMI, DP, 4K-DP, DVI-I HDMI, 4K-HDMI, DP, 4K-DP, DVI-I HDMI, 4K-HDMI, DP, 4K-DP, DVI-I, SDI HDMI, 4K-HDMI, DP, 4K-DP, DVI-I

1.2.2.1 Collaboration Encoder

Collaboration encoder supports 1x channel audio and video encoding, 1x Keyboard and mouse control signal transmission and 2x USB data transmission.







USB	Connect to computer for KM control and USB data transmission
Relay Connector	Supports 2x relay device
Serial	RS232 control, baud rate: 9600, 19200, 38400, 57600, 115200
Audio	3.5mm mini-jack
Audio Loop-out	Phoenix Audio Loop out
Audio Output	3.5mm audio output for bilateral audio transmission
Power	12V DC
Ground	For power ground
Others	Reserved

6

HDMI / 4K-HDMI / DP / 4K-DP endpoints support embedded audio.

1.2.2.2 Workstation Encoder

Workstation Encoder support encoding of 1x channel video and 1x set keyboard and mouse control signal.







	Audio	3.5mm mini-jack		
	Audio Loop-out	Phoenix Audio Loop out		
	Audio Output	3.5mm audio output for bilateral audio transmission		
	Power	12V DC		
	Ground	For power ground		
	Others	Reserved		
i	HDMI / 4K-HDMI / DP / 4K-DP endpoints support embedded audio.			

1.2.2.3 AV Encoder

AV Encoder supports encoding of 1x channel audio and video signal.





HDMI / 4K-HDMI / DP / 4K-DP endpoints support embedded audio.

1.2.2.4 Collaboration Decoder

Workstation collaboration decoder supports decoding of 1x channel video, 1x set KM control signal and 2x USB data, can manage remote computers at Workstation desk.



i

HDMI / 4K-HDMI / DP / 4K-DP endpoints support embedded audio.





1.2.2.5 Workstation Decoder

Workstation collaboration decoder supports decoding of 1x channel video, 1x set KM control signal, can manage remote computers at Workstation desk.



HDMI / 4K-HDMI / DP / 4K-DP endpoints support embedded audio.





1.2.2.6 AV Decoder

AV Decoder supports decoding of 1x channel audio and video signal, and supports multiple-view display.



HDMI / 4K-HDMI / DP / 4K-DP endpoints support embedded audio.



1



Video Wall Decoder 1.2.2.7

Video wall decoder supports 1x channel of video output, and supports management of video wall display.



HDMI / 4K-HDMI / DP / 4K-DP endpoints support embedded audio.





1.3 System Manager

1.3.1 VMCN

VMCN is a system controller to manage the system less than 100x endpoints.

	CR-MACK DIGIBIRO * *
Endpoint (pcs)	Up to 100x endpoints
Port	6x Serial port connector (COM1_COM2/COM3_COM4/COM5_COM6, COM1 supports RS232/422/485 function) , 2x RJ-45 LAN port
Network	1000M, LAN x2
OS	Linux
Dimension	483x 260x 45 (length * depth * height), with mounting ear
Voltage	AC INPUT 100 -240V~, 4-1.5A, 50–60Hz
CPU	G4400
Memory	DDR4-4G*2
Disk	SSD 120G
Power	250W

1.3.2 VMCP

VMCP is a system server, which can manage up to 1000x endpoints in the system.



Endpoint (pcs)	Up to 1000x endpoints
Port	6x Serial port connector (COM1_COM2/COM3_COM4/COM5_COM6, COM1 supports RS232/422/485 function), 2x RJ-45 LAN port
Network	1000M, LAN2
OS	Linux
Dimension	483x350x89(length* depth* height), with mounting ear
Voltage	AC INPUT 100 -240V~,4-1.5A,50–60Hz
CPU	17-7700
Memory	DDR4-4G*2
Disk	SSD 120G*2
Power	250W

1.4 Mounting

Endpoints can be housed in mounting rack or chassis, then be mounted into rack.

1.4.1 1.5U Chassis

4x endpoints can be installed into a 1.5U chassis in cards and be all powered by the chassis concurrently.

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ITEIVI	DESCRIPTION
DIMENSION (LX DX H)	444x 206.6x 44.7(mm), without mounting ear
	482.6x 206.6x 44.7(mm) with mounting ear
VOLTAGE	110-240VAC, 50/60Hz
CURRENT	1.8A/115V AC; 1A/230V AC
WEIGHT	5kg (fully loaded)
CAPACITY (PCS)	4
HUMIDITY	0-50 $^{\circ}$ C (working), -10 ~ 60 $^{\circ}$ C (Storage)
TEMPERATURE	10%~80% (working), 10%~90% (Storage)

1.4.2 1U Mounting Rack

1U mounting rack which can house up to 2x endpoints and power endpoints individually.



1.5 Default Setting

Transmitter IP: 192.168.1.202

Receiver IP: NET1——192.168.1.203, NET2——192.168.1.215 (NET2 available for UniStream-T only).

VMCN IP: LAN1--192.168.1.201、LAN2--192.168.3.201

VMCP IP: LAN1--192.168.1.201、LAN2--192.168.3.201





2 Configure Operation Interface

The system can be managed over UniStream Web-client and workstation client at monitors. Working with VMCN or VMCP, Web-client applies to configure endpoints, appoint user access, monitor system status and upgrade the system. Chrome browser at version Version80 and later are recommended for the web control.

Workstation client serves to switch desired computers, collaborate with other operators and manage video wall display.

Run **Chrome** Browser, type the address <u>http:/**IP** Address</u>:8080/login, input username and password to log in. Default User Name is "admin", default Password is "123". The IP address refers to the IP of VMCN or VMCP.

vmcs	× +		– n ×
← → C ▲	Not secure 192.208.6.10.8080/login		• @ # 🔁 :
		DIGIBIRD	
		UniStream Web Client	
		A admin	
		P	
		🛃 Kamendaa me	
		Login	

2.1 Interface

2.1.1 Dashboard Interface

At Dashboard to manage video wall display and matrix switching. Sections and descriptions as below table:

C → C ▲ Not serie A Not serie Name → C C ▲ Not serie Unistream Web C	x + Access Address		Hot Standup	
Suppose Excente QL< Signature	Ordent Group VICEO MALL 1 VICEO MAL VI Point 201 Trid al di a 10	bogorgent E LLAW CHITY 5 LL	< > B & g	Device Group
Signals				Matrix/Video Wall
Preview				





SIGNALS	Display all Signals list as per group, including favorites Signal list.
PREVIEW	Select any Signals in the list to live preview content
OUTPUTS	Display in group as per setup
DISPLAYS	Displays of video wall or matrix under outputs group.
OPERATION	Manage video wall layout and matrix switching on desired displays

2.1.1.1 Video Wall Layout Interface

Select one group video wall at **Outputs** to manage video wall display, including recall presets, create video wall layouts, etc.

Video Wall 1 Video Wall 2	Video Wall 3	
Frenet Scene I	some? some 3 Presets	<>B20
Tool 🖬 🛓 🗉 🛤		Save Preset
Layo	Utan 86347.25 KM	Edit Preset
Autofit Clear Lock		Preset Circle
X 1920 Y 1090	Width: 1920 Height: 1080	

Refer 7.3 Video Wall Layout For more detail regarding video wall management.

2.1.1.2 Matrix Switcher Interface

Select a group of matrix displays at Outputs to enable individual signal switching, group switching, presets recalling, etc.

Web-client offers 2x display mode, list view mode and preview mode. Default is list mode, and preview mode requires setup.

Preview Mode





List View

130-133	Matrix Switch	Audio Suran								
Preset	Scene 1	Multiview Ch	annel							ø
192.208.7.117	7.117 7.12@@=KM44	92.208.7.117 7.	2) 117	7.117 1-7.11-(152%)*1	192,208,7,117 7,117 se EA/36/VGA-7,14-8/m-0/58	192.200.7.154 ① 134-DP ∞ DVI-7.17-KM	192.205.7.134 2 134-DP 60 HDLDM-7.12255-KM-USB	1922087.134 134-DP == 192.2087.19-804	192.208.7.154 134-DP ee UHDML-KCg	40-7.21
192.208.7.118	7.118 1 1	92.208.7.118	2200,730 301	1.118 1-95(10-7.21	192.203.7.118 7.118 56 HDMI-4K (\$10-7.22	192.203.7.119 7.119 ee UHDML-402960-7.11	19220827.119 7,119 ee UHOMI-4Kg460-7.24-U58	192.203.7.119 7.119 ea HDLDVI-7.12228KM-USB	192.208.7.119 7.119 ee UHDM/L4K@60-7:	C) 24-058
		940 19.	208.7.19-KM							
	Decode		Input							
	Deco			Name						
Switching Group	group 1 gro	sup 2 group 3						••	Audio video syncopation	-

Please refer 8.2 Matrix Switching for more details regarding matrix.

2.1.1.3 Signals List

Web-client provides options for Signals searching and filtering.

1. Rename

Right click desired signal to rename it, and Confirm to save.

Signals Favorite		
Q Search	Rename	×
• 🖕 3.0-T	3	
► 2K ► HDLDVI-7.11-USB%*!		
・☆ • HDLDVI-7.12 ☆ • HDVI-7 13-USB		Confirm Cancel
Cropping ☆ ● DVI转VGA-7.14-k 500		

2. Favorite

In the signal list, hollow pentastar indicates common Signals, and solid pentastar indicates favorited Signals. Click the star can change the status.

Favorited Signals can be found under **Favorite** sheet.

Signals	Favorite					
Q Search						
• 🖶 3.0-T						
- 🖕 2K						
• 🚖	HDLDVI-7.11-USB%*!					
• 🚖	HDLDVI-7.12					
*	HDVI-7.13-USB					

3. Keyword Search

Input keyword to search desired Signals.

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Configure Operation Interface





4. Grouping

Locate Signals by group. Refer Grouping for details.

2.1.1.4 User Management

1. Revise Username

Navigate to user icon at right up corner, click the drop-down arrow to view user information. Click Personal, input revised name and Save.

2. Revise Password

Navigate to user icon at right up corner, click the drop-down arrow to view user information.



3. Quit

Navigate to user icon at right up corner, click the drop-down arrow to view user information.





Configure Operation Interface

Select Password to quit.



2.1.2 Backstage Setup

Click oil icon at up right corner to enter backstage setting page.

DIGIBIRO UniSo	sam Web Client								= 0 ⁹ 🗉 1-
DR Monitoring status	Device Lief	ж							
Device	• WOP	No	Neres	IP d	Defen Status	Septed status	Reclator	Nonko Types	Temperature (Å*C)
	7.5_VW02								
(i) Endpoint									
Gigrala									
Viko Wali									
III Matrix									
Workstation									
A Autorey									
Croup									
Part and a									
TO LANGE									
Implementation									
a			10M-40010-722-897						
(c) Ober			10148 eX (0.50 7 15 45/						
			UIEU-el@es-1.30				28940"2150-@160		
			THEM. AK BITS T AT						

Description of setting page interface:

Endpoints	Maintenance, configuration, rename, IP, etc.
RESIGNALS MNAGEMENT	Stream, extension, Signals label.
VIDEO WALL	Configuration, layout
MATRIX	Configuration, switching
OPERATOR	Workstation configuration, monitor.
ACCESS	User management, access inquires, access setting.
GROUP	Signals group, output group, search.
SYSTEM	Preview, network, logs, alarm, upgrade, licenses, customized resolution and maintenance.
DEPLOYMENT	Endpoints management, system configuration





2.1.3 OSD Menu

If the system contains Workstation or collaboration receivers, user can log in to operate the system at Workstation desk via OSD menu.







3 Endpoints Management

Done with cable connection of hardware, endpoints network and other parameters need be configured.

3.1 Add Nodes

There are 3x ways to add endpoints: auto search, manually and import. Navigate to Node-Maintenance, select Add to configure.

DIGIBIRO UNISH	ream We	b Client										= 0 ⁰ 0 ±-
(S) Monitoring status												
🗐 Daviso												
G Endpoint			0 0	iatoway (Gubnot Mask	e MAC	Online Status	Node 1	iype ©			Delonging Server 🗢
Management			Add							с т		Local
Vanagoment												Local
Configuration			Auto	eearch	Manually File Impo							Local
(+) Signals												Local
			тх									Local
III Video Well									0/121) Seerch			Local
111 Martin							Carlowary					Local
												Local
C Workstation												bered.
S. Admin												cicia.
												Cost.
15 Brody								261.261.243.0				terest:
TH Hadren												Lucid.
						AD-01-03-69-00-63		266.266.245.8				iiiii
G hatemanister												64/08
E deal												Link.
												Level .
												Lecel .
												1000
									Add Gancel			
											at men / an an 1 - 1	1 (1 (5) 25 range vit

3.1.1 Auto-search

Select Auto-search to Search the endpoints that match IP address of VMCP or VMCN. Matched endpoints will display at correspondingly sheet by Tx, Rx and Preview. It also supports search by keyword of IP.

DIGIBIRO UNISt	ream W	eb Cilen	2									= 0 ⁰ 0 1	t-
💿 Monitoring status			Ast										
E Davico													
(i) Endpoint				0	Gatoway	Bubnet Mask	e wac	Online Status	Node T	ypo ©	Nodo conos		•
	1			Add						,	τ τ		
and an advectory of													
Configuration				Au	lo-search	Manualy File Impo							
(+) Gignals										8			
				п									
III Video Wall									ч ((1)1) Solion			
III Maha							MAC	Claiming		Alconier Note			
C Workstation													
S. Adverts													
(CF-Droop													
TS tiples													
and the second s							AC-01-00-E0-00-E0		365,266,248,0				
S Implementation													
(Rindow)													
										Add Gancel			

Trigger the endpoint, Add it to the endpoints list.





DIGIBIRO Unis	tream	Web Clie	mt									= 0 ⁹ = 1	
🕃 Mashring status													
E Device												Q. Th Filter C	
(i) Endpoint					Gaternay	Gubnet Mask	₽ MAC	0 Onine Status 0	Node Type	Node series	Endpoint Gtatus	Delonging Server 🔍	
Management													
Configuration													
D Ggnals													
Video Wall													
CC Make													
Workstation													
A Among													
C) Group													
DD Gymen													
The second second second second													
(9 Incluneration													
0.000													
					100.206.7.264	266,258,218,9	AD-01-00 k1-81-02						
											00 mms /2 sages 1	25/page	-

Please revise the IP of endpoints when configure it initially as default IP of endpoints is same.

3.1.2 Manually

Navigate to Node-Maintenance, select Add to configure.

Add by Individual

Add		×
Auto-search Menually	File import	
O Add		
IP:		
Batch Add		
Starting IP.	Ending IP:	
8		
	Add Canoel	

Batch add

•





Add		×
Auto-search Menu	By File import	
⊖ Add		
IP:		
Batch Add		
Starting IP:	Ending IP	
	Add	

Click Add to add the endpoint to the list.

3.1.3 File Import

Batch endpoints can be added by file import. Navigate to File Import, select Excel to import the file.

Add					×
Auto-search	Manually	File import			
Pre-edit list (0/5					Download Template
Node	Туре		MAC	Gateway	Subnet Mask
– –	٢	192.208.7.11	AC-64-DD-E5-B2-16	192.208.7.254	255.255.248.0
T		192.208.7.12	AC-64-DD-E5-B2-16	192.208.7.254	255.255.248.0
<u>п</u>		192.208.7.13	AC-64-DD-E5-B2-17	192.208.7.254	255.255.248.0
– –		192.208.7.14	AC-64-DD-E5-B2-18	192.208.7.254	255.255.248.0
1		192.208.7.15	AC-64-DD-E5-B2-19	192.208.7.254	255,255,248.0
					and County
					Cancel

Download Template and refer it to complete information.

3.2 Allocate Endpoints

After being added, endpoints need to be allocated to VMCN or VMCP before being managed.

UN-ALLOCATED ALLOCATED Endpoint can be managed by any devices. Endpoint can be managed by the control device.

I

Following steps to allocate endpoints: Navigate to Tx, Rx or Preview sheet.





Trigger any un-allocated nodes Allocate to current control device.

DIGIBIRD Unist	ream (Web Clien	¢	3	ļ ,									= 0	•	1.
🔝 Monitoring status			Add	Allocate												
Devoe	1	тх	HX PV													
Endpoint						Cataway	Gubnet Mask		MAC	Online Status 🔍	Node Type	Node series	Endpoint Status®	Belonging	Gerver	
Management																
Configuration													Disconlig and		enel .	
🗈 Gigrala													Unconlig and			
Webo Well																
III Matrix																
C Workelation				100000-1-110					AC 10 00 Do A1 05		T-VW-RX-BU		Normal			
A Automy																
a second second								2								
Croup									AC-04-00-E3-41-11		T-WHREAD					
To Nychen																
(© Implementation																
S Offer																
															e i	
															-	
															25/pe	

Nodes can be Filtered and be allocated to control device.

Select Filter to enable settings, trigger Un-allocated to the controller and Confirm to display 1. unallocated nodes.

2	2.	Selec	ct All	locat	e to p	ut the	ese no	odes u	nder	cont	rol of	this o	devic	e.	
	DIGIBIR	UniStream	n Web Ciler												

	tream '	Web Ciler											
🔅 Monitoring status													
😑 Onvior													
(i) Endpoint					© Salar	ol Marah 🗢 🖉	MAC & Onli	na Slaha	. •	Node Type			
Management				1942.2000	Filter								
and the second				102.200									
Configuration					Endpoint Gtatus :								
🗇 Signala													
						Online	Offine						
III Video Wal					Node Type:	LINK IV 10			HX 17 20				
III Matrix						1FK4K00-TX-2.0	D-KM-TX-3.0		D-KU-TX-3.0				
C Workshillow							T-KM-TX-3.0		T-KU-TX-3.0				
A Astero						TONAMINAS	5.00 M0.004		ICR VALICS	1.D 105			
A MARKET A						D-CC-1806-864	D-CC-IMX-865		D-TX-25				
C Cosp.										1860-254			
TR Baston						R FC PRFV HMX 28							
Contraction of the second													
O traiementation					reading house		 (matorialed) 						
CO MARKS													
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							ALCONTRACTOR			TRUTINA			
			rattica d	Contraction of the second s	olli a dina					- Harrow Korr		Wite States 1	1 25/per

Allocated nodes have to be dismissed from current controller by selecting Unallocated before being reallocated.

3.3 **Network Configuration**

IP of nodes has to be modified when building the system as default IP of all nodes is same.

1. **Modify Individually**

Navigate to Maintenance and select one node at Tx, Rx or PV sheet. Select Network to input modified IP.





DIGIBIRD Unist	ream	Web Clier	nt			4					≣ 0 ⁰ ⊡ 1.
🕃 Monitoring status						Natarork					
E Device	2										
Endpoint								Online Status 🗢			
		2	1	192,298,7,11	182,208,7,254	Network			K CHAN TK & D		
Management				181 <mark>(2)</mark> 17			<u> </u>		T KM TK A S		
Configuration	1			100 200 7 18							
Gonala						192 . 200 .	7 . 11 255	. 255 . 246 .			
						Cateway:					
E Vilo Wal						19/2 . 208 .	7 . 254 AC-84-00				
III Matrix											
							6	Contra C			
							<u> </u>				
A Artists											
(7) Cross											
										oo keesa (acaaqaa) — Ar	3 35/page -

2. Modify in Batch

Navigate to Maintenance and select any nodes at Tx, Rx or PV sheet. Select Network to input start IP, end IP, and subnet.

DIGIBIRD Unis	ftream	Web Clier				4					≡ 0 ⁹ ⊡ 1-
37 Monitoring status		Defrech									
E Device	2	тх									
(i) Emlpoint					Cetomay	🗧 🛛 Eubret Mask 🗢	MAG	Contre Status C	Node Type 🗢		
						Network			X (8341003)		
Management							<u> </u>		CAN DO S		
Coloration											
C Stonels			4	100 7 💽 4	182 PGR 7 254	192 . 200 .	7 . 40 19	2.200.7.4			
				160.008.7.15		Gubnet Mask:	• Cate	way:			
📰 Video Wat						256 . 256 .	248.0 19	2.208.7.25	H THOMTOD		
111 Matrix											
							(
Workstation											
A Assessor											
C One											
To Cater											
G hutmatiday											
FL ONE											

3.4 Filter

Click Filter, select filter conditions and confirm to execute.





Filter			×
Endpoint Status:	Normal	Unconfigured	воот
Online Status:	Online	Offline	
Node Type:	H-K-TX-1.0 H-K-4K60-TX-2.0 B-VA-TX-3.0 B-ELVA-TX-3.0 T-LKM-TX-3.0 TCN-KM-TX-3.0 B-EC-HMX-264 B-EC-PREV-VWC-264 B-EC-PREV-HMX-265	H-TXC-1.0 B-KM-TX-3.0 B-LKM-TX-3.0 T-KM-TX-3.0 T-LKU-TX-3.0 B-EC-VWC-264 B-EC-HMX-265 B-EC-PREV-VWC-265 H-KM-TX-3.0	H-K-TX-2.0 B-KU-TX-3.0 B-LKU-TX-3.0 T-KU-TX-3.0 TCN-VA-TX-3.0 B-EC-VWC-265 B-TX-2.5 B-EC-PREV-HMX-264 NONE
Belonging Server:	Local	Unallocated	Please choose V

3.5 Hide/Unhide

Click and select desired title to unhide the information.

DIGIBIRO UniStrea	am Wel	b Clie	nt											= 0	و ت	
3 Nonhang status																
E Devoe		ĸ													h rea	
(i) Inducial -					Calevary	Eubret Mask	MAG	Online Status #	Node Type	Node series	BAL-MA	1	Delport Dasa	Belong	· NPP 8	
Natabatest	1														APPH	
ALCONSTRUCTOR															470.0	
Configuration																
🗇 Ognela 🛛 🗧													Normal		are i	
100 C													Normal			
With West					107 203 7 254								Renal			

3.6 Rename

Node is named by IP address as default. It can be renamed also at will.

1. Navigate to Configuration, select one node and double click to activate editing mode.

DIGIBIRO UniStream	n Web Ciller	nt								■ 0 ⁹ @ 1·
🔅 Monterng status										Q. 14 Fiber
E Device -										
(i) Endpoint ^				Name		IP/Channel	Node Type 🗣	Onine Status #	Node mode 🔍	Feeze the last frame
-			142.208.1.11							Disable
Management						182206-1.110	T-KNP0Gala		Matrox	Deable
Configuration									Workstation	Dewide
🕞 Blonala 🔍 🗸										Druck
										Dieta

2. Input new name and confirm by click Enter key.

3.7 Stream Setting

Steps to set encoding format of transmitters.

- 1. Navigate to Nodes Configuration, move to Tx sheet.
- 2. Trigger desired transmitter.
- 3. Select Stream Setting to call out setting page.

DIGIBIRD TECHNOLOGY CO., LTD.



4. Revise desired parameter and Save.

DIGIBIRD Units	tream V	Web Client										-	6 ⁹ @ 1-
S Mentangata	2												Q. % Filter
E Device	4												
(i) Endpoint													Onine Status 🔍
	3			110	Stream			0					
Management				112.2				2					· · · ·
Configuration	1				Main	Medum	Losske	Main Audio	Lossies Au	do stream			÷
D Bonala													÷
E Video Wal					HEBD			15780					
III Materia					Stroom rate h	фю.							+
				->	CBH								•
Workstation				192									
St. Automatica					and the second s	nerver.		1 BOOKS HOMPHENRY					
C. Securi													(i) -
								Meters Feb					
(© Indexestion)													
and shakes									Gerken				
1-22.00													
													-
													ii ii
													e 11
													1 Strings -

3.7.1 Main/Medium Stream

Steps of how to configure streams are as below:

Stream							×		Stream						×
Mein	Medium	Gub	Locoloos	s Main	Audio	Lossless Audio atro	mam		Mein	Auxiliary	Мо	dum	Sub	Audio	
Encode mod	le			Stream	ate				Encode mode			Stream rate			
H265				15360					H265			15350			
Stroam rate t	typo			Video fra	imo				Stroam rato typo			Vidoo framo			
CBR									CBR						
Inline frame i	interval			Encode	complexity				Inline frame interval			Encode comp	louty		
30									30						
Resolution				Syne co	sliguration to				Resolution			Syne configur	ation to		
1920 * 108				Modi	um 🗌 Sub				1929 * 1080			Auxiliary	Modium Sut		
			T			Continn	anool				B/ł	3+	Conti	m Can	lool
	1														
FORMA	Т	Mains suppc	strean orts H.	n, Au 264,	x Strea H.265 a	and MJPEC	ediur 3.	n Str	eam suppor	rts both H	.264	and H.	265. Sub:	stream	۱
DATA R	ATE	256-4	0960												

DATA RATE	256-40960
ТҮРЕ	CBR or VBR
FREQUENCY	From 5 to 60
I INTERVAL	From 10-120
COMPLEXITY	If encoding type is H.264, can select BASE, MAIN or HIGH complexity.
RESOLUTION	Reserved
SYNC	Sync mainstream settings to aux, medium or sub stream.

3.7.2 Lossless Mainstream

Refer below table when configure Lossless Mainstream of UniStream-T.





	Stream							×
	Main	Medium	Sub	Lossiess Me	ain	Audio	Lossless Aud	o stream
	Compression M	lode						
	P Data Bandwidth	n(MB)	'			1		- 1
			· ·	0) a t a		12	y	450
							Confirm	Cancel
	Defends in 4			-1.4				
BANDWIDTH	Default is 1, Default is 45	50M, valid b	en 1 an etween	a 4 300M-900N	1.			

Lossless sub-stream not available to set right now

3.7.3 Audio Stream

Select AAC or G711A encoding format to configure audio steam.

Stre	eam						×
N	Main	Medium	Sub	Lossless Main	Audio	Lossless Audio str	rəam
Enco	ode mode						
• •	AAC () G7	711A					
						Confirm C	lancel

3.8 Audio Configuration

System supports bilateral transmission of audio and offers options of audio port.

1. 3.5mm mini-jack and phenix port for de-embedded audio port





2. HDMI, SDI and DP supports embedded audio. User can select embedded or de-embedded audio at web-client.

3.8.1 Audio Setting of Transmitter

Navigate to Nodes Config, move to Tx sheet, trigger one or multiple transmitters, click Audio Config to call out setting window.

Audio input supports embedded and 3.5mm mini-jack. Audio output supports 3.5mm mini-jack, and phenix port for loop-out.



3.8.2 Audio Setting of Receivers

Navigate to Nodes Config, move to Rx sheet, trigger one or multiple transmitters, click Audio Config to call out setting window.

Audio output supports embedded audio, 3.5mm mini-jack and phenix port. Drag the button of audio bar to turn up or turn down audio.

DIGIBIRD UniStream	n Web Clie	nt							= 0 ⁰ 🗆 ±-
37. Monitoring status									
E Device -									
(7) Endeant									
			102.208.8.11 Aud	io			×		
Marcigorical			102,208,3,11						
Configuration			102.208.7.10 Aud	output:					
D Bernis -				_					
				Emboddori auda	a feen 🦲 I	Phaenix 🦲			
III Video Wall 🛛 🗠			102.208.7.10	ut unlumar					
III Makin -							Current walkanee 100		
C Workstation ~									
A Addies						Gan	im/ Canal		
A December 2010									
() Group									
PT factor -									
🕀 Ingleneration 🔻									
(S. Orași)									

3.9 Multicast Setting

1. Single Node

Select desired node, enable or disable multicast, set multicast address and port number.

Hicast X Multicast Main Modum Sub Locelose Man Audio etream Enable Multicast Enable Multicast Pot ecode France Address 228 . 7 . 7 . 15 Pot ecode Enable Multicast Pot ecode Pot ecode Pot ecode Contem Contem Contem Contem Multicast Enable Multicast Enable Multicast Pot ecode 		
Main Modum Sub Locelooc Man Audio Locelooc Audio stream Enable Multicost Address 226 , 7 , 7 , 15 Port 6006	lticast	X Multicast
Enable Multisaet Enable Multi	Main Medium Sub Locelece Main Audio Locelece Audio etream	Main Auxiliany Medium Sub
Address 226 7 7 15 Address 224 7 7 80 Port 65065 Port 65065 Contem Co	nable Multicast	Enablo Multioact
Port eccos	Address 226 . 7 . 7 . 15	Address 224 , 7 , 7 , 80
Coveling Carvel Coveling	Port eroor	Port escos
	Continu	Control
	Т	B/B+





2. Multiple Nodes Setting

Select multiple nodes, enable multicast, set starting address, ending address, and port number.

Multicast		×	Multicast				×
Main Madium Su	ub Lossies Main Audio	Loselese Audio stream	Main	Auxiliary	Modium	Sub	Audio
Enablo Multicaet			Enable Multicast	•			
Starting address 226 .	7.7.15		Starting address	224.7	. 7 . 80		
Ending address 226 .			Ending address				
Port exces			Port	85006			
		Contern Ganoal					Confirm Cancel
	Т				B/B+		
MULTICAST	Blue button to en	able, Grey button	to disable				
STARTING ADDR	Starting Address of	of multicast					

3.10 EDID Configuration

Modify as will

Ending address of multicast

UniStream allows to configure EDID of endpoints, including read EDID and import file to revise EDID.

3.10.1 Receiver EDID

Navigate to Endpoints->Configuration, click Rx sheet, select one or multiple receivers of same type. Click EDID configure to set up.

EDID Download

ENDING ADDR

PORT NO.

User can read EDID and save file at local PC.

DIGIRIO Unifernam Web Clien 🕗 🔳 📭 💿 1-							
	ТХ	FIX					Q. The Pallet
		No 🙆 Name	e 1476 <mark>5</mark> 4				Process the ball issue: 0
		1 102,200,1,11	EDID configuration	×			Disable
		2 162,206,1,11					Disable
Conliguration			Descripted				Deable
Isk flowsky			CONTROL				Usable
			Selected Endpoints 102,208.7.132, 102,208.7.133				Unable
				Contem Cancel			Deable
			162 A& 2 183				Double
							Double
		9 197 705 7 137					Double
							Condition of the local division of the local
		17 (17 (17 (17 (17 (17 (17 (17 (17 (17 (Deater
		-rk 🤟 waters rek					Dealtre
							Dealer
							Dealer.
							Dealer
							Line and the second sec
							Dealer
							Unida
							District
							a la materia a

3.10.2 Transmitter EDID

Navigate to Endpoints->Configuration, click Tx sheet, select one or multiple receivers of same type. Click EDID configure to set up.




EDID Download

User can read EDID and save file at local PC.

	n W <mark>2</mark> lie	nt						-	0 ⁹ 0 1-
IR Monitoring status			4						Q. W. Filler
E Device -			Multicest EDID configuration Access Authority Sen						
(i) Endpoint			Namo	•	IP/Channel	0			
			102 EDID configuration			×			
Management			102.40						
Conliguration 🚺			122 201 Upload Down	load Learn					
D Simula -									
			100 AC Selected Endpoints 1962	208.7.35, 192.208.7.37					
🔲 Video Wall 👘 🗠					6 🗠	rhm Cancel			
111 Marco -									
			162 508 7 85						
🕐 Workstation 👘 👻									
R Maria			(441,000,746)						100
0.0000000000000000000000000000000000000			Contraction of the second seco						1001
(5 Geographics									10
The Assessment of the									2003
1.24 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 1									2003
General and the second									
in and in the									
									100
									200
									a shippin -

EDID Upload

User can also upload EDID file to revise transmitter EDID.

At EDID Configuration menu, select Upload and click Choose File to select desired file, and Confirm to upload.

DIGIBIRD UniStream	W2Ilent						= 0 ⁰ - 1-
🐼 Monitoring status			4				Q. 19 Filter
🖂 Device 🔷 🗸			Multicast EDID configuration Access Authority				
							f © Online Status ©
			EDID configu	ration	×		
Configuration 1			the sec	Doumkard Learn			
				182,200.7.07_10_00_17.dat			
			182,200,7.05				•
	1.2	12	Parallel Control of Co				(14.)
			taxaan ax				337
							300
							1997 - C.
							201
							11.00
							140
							140
							140
							N DE STORP Y

EDID Learn

UniStream allows to revise transmitter EDID by uploading designated receiver EDID. Click Learn at EDID Configuration, select designated receiver, Confirm to import EDID to selected transmitter.





EDID configuration	×	
Upload Download Learn (1)		
	EDID configuration	
Please choose	^	
192.208.1.117	Upload Download Learn	
192.208.1.118		
192.208.7.105 2	192 208 7 105	
192.208.7.106		Control Control
192.208.7.110		
192.208.7.128		
192.208.7.130		
192.208.7.131		

Selected endpoints have to be same type when configure multiple units at a time.

3.11 Authorities

1. Create new user. Select one or multiple transmitters, click Authority, input User Name and Password to add transmitter to user list. Username and password are required when transmitters were decoded.

								<u></u>	
DIGIBIRO UniStre	am Web C	lient							≡ 0 ⁹ ⊡ ±-
🗵 Monitoring status									0, The Filler
🗎 Davias									
Gi Endpoint									D Challen Statum D
				Access Authority			×		•
Management			162.2						
Configuration				User List +	User profile				•
(+) Simula									•
C2 ogsac									•
III Video Wall									
111 14 44									
C Workstation									
of American					Action in the local division of the				1001
0.0500					Similaria				(10)C
🗇 Terrip									
Pri Barren						Conten	Cancel		100 - E
CD offerer									
S- higherstellung									
100000									
C. Draw									

- 2. Modify User information. Select desired user to modify.
- 3. Delete User. Hoover the mouse cursor over user list, click 🛄 icon and Confirm to delete.





Access Authori	Hint			×	:	×
User List	? Conf	irm to delete ?	2			
admin			Confirm	Cancel		
user		160				
1111						
123	ê	* Old password:				
	1					
		New password :				
		Confirm password				
				Confirm	Cancel	

3.12 Serial Setting

Both transmitter and receiver can be controlled by serial. For example, to turn on or off projectors and screens, which are connected to receivers.

Navigate to Node Configuration, move to Tx or Rx sheet, trigger one or multiple transmitters or receivers. Click Serial Configure, input required parameter (baud rage 9600, 19200, 38400, 57600, 115200 as options), Confirm to complete setting.

DIGIBIRD UniStream	m Web Ciler					-	
IR Monitoring status							
Device ~							
Gi Fadavita							
C) Chapters		100 Secial		×			
Management		100 70					
Configuration		David rate :					
D Banda		100 10 5600					
Co capital		100 PC Rate Mr.					
III Video Wall							
III Matry v							
		TVZ.					
🙂 Walabian 🔹 -							
A Adda S		. 142 Party bt:					
		14C None					
C Grap -			Ort	and Canad			
fit forten -							
No. Carrier and a second second							
@ Implementation -							
Contact							

3.13 Remote Standby or Wakeup

Navigate Node Maintenance, select Tx, click Remote On/Off. Select Enable or disable at drop-down list. Therefore, operate is able to standby or wakeup remote computers.

	DIGBRD UniStream Web Client 🔳 🔗 🖾 1 -										
😒 Monitoring status											
E Deven v				Remote power							
(i) Endpoint			Numo	Enable			Noda Lypa 🗢 🗢	Homoto powar certall @	Chilero Marlaci 🕈		
				Dicablo					•		
Manaparant									•		
Configuration											





Additional On/Off card is required to be installed in computers.

3.14 Work Mode Setting

Video wall node can be set as video wall controller mode or matrix switcher mode. Workstation receivers and collaboration receivers can be set as video wall controller mode, matrix working mode and Workstation mode.

Work mode description as below:

- For video wall controller mode, receiver will connect to video wall for display management.
- For matrix mode, receiver will connect to individual display for switching.
- For Workstation mode, receiver will connect to monitors on Workstation desk for computers management.

Refer below steps to configure Workstation Mode:

Navigate to Node Maintenance, move to Rx sheet, trigger one or multiple Workstation receivers, click Mode config, and set











4 Signals Management

4.1 Stream Management

4.1.1 Create Group

1. Create Level 1 Group. Click 📩 and input group name.

DIGIBIRD UniStream Web Client			≡ 0 ⁹ ⊡ 1	1 ·
🗇 Masiharayakika 🕴 Croup List 🔶 +				٩
🖂 Device 🗸				
🛞 Embraid 🔹 🔹				
(·) Ggnals •	NewGroup	×		
Stewarzeg Micha	NovGroup 1			
Multihead Graphics				
Label settings				

2. Group will show at group list.

Group List	+	
▼ ► NewGroup 1		
0 1		
b 02		
b 03		

3. Click level 1 group, get options to create level secondary group, rename level 1 group or delete.

Group List	+ New	NewGroup	×
▼ ► NewGroup 1			
D 01	New	04	
0 2	Rename		Carolina
D 03	Delete		Coniim

4.1.2 Add New Signals

Add stream Signals to group.

1. Select one group from Group, click Add to get a pop out window. Complete required information and save.





			_			
New			×			
* Name	9:	* Network Protocol:				
111		RTSP_UDP v	•			
* Main	stream Address :	* Main stream Port:				
rtsp://1	92.208.7.240	500				
Substre	əam Addrəss :	Sub stream Port:				
rtsp://1	92.208.7.240	500				
Userna	me:	Password:				
admin		admin12345				
		Confirm Cancel				
NAME	Device name					
NETWORK PROTOCOL	UDP, TCP, or DIGIBIRD					
MAINSTREAM ADDR	Mainstream IP of IPC					
MAINSTREAM PORT	Port number, can be modifie	Port number, can be modified				
SUBNET STREAM	Subnet stream address of IPC	2				
SUBSTREAM PORT	Sub-stream port no, can be n	nodified				
USERANME	Refer IPC manual	Refer IPC manual				

Successfully added Signals will be shown in signal list. 2.

Refer IPC manual



4.1.3 Export

PASSWORD

Export added streams to a local file. Trigger desired streams, select Export to save file.



Default file name is Streaming+media+list.xlsx

4.1.4 Import

Batch Signals cam be imported to system at one time.

1. Select group, click Import button, and select Excel Import to import file into system.





Import					x
0/0					Download Template
Name	Mainstream Address	Main stream Port	Substream Address	Sub stream Port	Network Protocol
		0	No data!		
				Import all	Import Cancel

4.2 Multi-head Graphics

4.2.1 Create Group

Create a group for multi-head graphics, which will be displayed in multi-head graphics list at OSD menu. Operator can easily position desired extended signal via OSD menu.

4.2.2 Add Multi-head Graphics

Steps to add multi-head graphics signal to group:

1. Select one group, click Add Extended button, input required information and Confirm.







- 2. Added Signals will display at group list.
- 3. Allocate transmitter to extended screen. Find out transmitters connected to extended signal under device list located right side of interface, drag and drop it to extended screen.

DIGIBIRD UniStream	Web Client			= 0 ⁹ = 1-
🕞 Monitoring status	Multitual Graphics Group +			Device Liel
E Device ~	• 🖴 NowGerrap 1		✓ Seals 100% ✓	
G. Between	• 5 01			Gtream media
(e) Proposition -				
🗈 Ggrais 🔷 🗠	• 🖿 🕼			
Streaming Media	• 🖿 05			
Multhead Graphics				
Label antitions				
Calor that ye				192.200.7.17
Nigral power				192,200,7.10
🔲 Mdeo Wall 🛛 🗠				102 208 7 19
III Maker -				182 204 7 21
Terrandonian at				18/24/2/
U Workstedor -		HDM-7.13-UE8	132-208 7, 15	
A Autority -				
-7 Grac -				
a segurar and a second s				
To Oyalam -				
@ Inplementation -				
e cew				132.208.7.30
				102.2087.31
				182,250,7 22
				180.0017.30
				100,000,000

Transmitters connected to first output port of extended computer need to connect USB cable to computers for KVM control, the rest of ports no need to connect USB cable.

4.3 Signal Label

By sticking a label to signal, operator can easily detect signal.

4.3.1 Label for Single Signal

Each signal supports up to 2x label.

Navigate to Label, select one signal, complete required signal and Save.

DIGIBIRD UniStream	web Cilent				■ 0 ⁹ ⊡ 1-
🔯 Monitoring status	Segnal Let	Label Settings			Save al
🗄 Daviso 🔹 👻	• E 3.0-T • E 2X	Label1			
🕑 Endpoint 🧹 🗸		Name			
🗈 Gignala 🔷 🗠		asq Fort	Fortstar	Fentcolor Z Dadiground color	
Streaming Media		Santa v			
Multhead Graphice		Patien	hun lay hun bel		
Label estinge		Zoon -			
Nagend process			🖌 From label		
🔲 Video Wall 🛛 ~		See			
202 Maha -	102,208,7 23 501				
🕲 Workstation -		Cablez			
A Autory -		HOLDVI Z 11-OUB		fare as spel seen	
3 Grap -		For	Feet site	Fosterine 🔽 Facigmund cone	
To familian		Carlo -	n Fralm Insid		
		Top Left -			
Gr beginnerfelten -		Zoon			
⊖ Otler -		tz v	2 Diane band		
		Ser			

Description of parameter:

NAME	Label content
SAME TO SIGNAL NAME	Trigger to sync signal name to label name
FONT	Select desired font





SIZE	32-120 pixel
COLOR	Set color
BACKGROUND	Display label background color
BACKGROUND COLOR	Set label color
POSITION	Label position, left up, left down, right up and right down
EDGE DISTANCE	Set edge distance in correspond with label position
ZOOMIN RATE	Adjust label size, with options of Origin, 2x times, and 4x times
DISPLAY LABEL	Enable to display signal label

4.3.2 Batch Label Setting

Set multiple labels in batch.

- 1. Trigger multiple Signals at Signal List.
- 2. When setting in batch, signal label can not be renamed. Have to trigger Same to Signal to display label with signal name.
- 3. Remaining settings same to single signal label setting.



4.4 Power On/Off Computers

System allows to power on/off, reboot and force shutdown remote computers. Navigate to Signals Power, select one group, then select desired endpoints and click to power on/off, reboot or force shutdown.

Web Client							■ • ⊙	1.
Nigned Group								
- 😂 3.0-1				•				۰
🖿 2K								
4K030								
	féb Cilent Ngyai Geney Br 3.0.7 Br 3K Br 4K 0.33	téb Citert Ngraf Groep 18: 0.57 10: 000 10: 00	Highed Generg Process 18: 0.5.7 Image: Process 10: 0.5 Image: Process	Name Rose Pace shutdown Padout \$5.0:1 Image: Pace shutdown Padout Name Image: Pace shutdown Padout \$6.0:1 Image: Pace shutdown Image: Pace shutdown Padout Image: Pace shutdown Padout \$6.0:1 Image: Pace shutdown Image: Pace shutdown Padout Image: Pace shutdown Padout Image: Pace shutdown Padout Image: Pace shutdown Image: Pace shutdow Image: Pace shutdow Image: Pace	Name Row Row <th>Name Name Name Name b10 1 100,00%1 1-000%1 named b14000000000000000000000000000000000000</th> <th>Ngwi Cinet Power Factorial Matter Factorial Matter 10:10 Image: Power Package Factorial Matter Name Name<th>Abject for the shutdown Radown Raddw</th></th>	Name Name Name Name b10 1 100,00%1 1-000%1 named b14000000000000000000000000000000000000	Ngwi Cinet Power Factorial Matter Factorial Matter 10:10 Image: Power Package Factorial Matter Name Name <th>Abject for the shutdown Radown Raddw</th>	Abject for the shutdown Radown Raddw

Options	Description
Power	Power on or power off computers
Force Shutdown	Force shutdown selected computers
Reboot	Reboot computers





5 Group Management

5.1 Signals Group

Allocate Signals to different groups based on signal type, application or user access, will offer operator shortcut to manage Signals easier.

5.1.1 Create Group

Group can be created for Public View or Personal View. Other user will have access to view the group when log in the device under public view. Group under personal view can only be viewed by the creator.

5.1.1.1 Group for Public

1. Click to create level 1 group.



2. Click of level 1 group to Add level 2 group.

Public View	Personal	View	
Group List	+	Search	
늘 2К			
🖿 4K@30			
🖿 4K@60			
NEWGROUP 1			
	Ne	w	
	Re	name	
	De	lete	

- Click to select Rename to revise grou
- 4. Click and select Delete to remove group.



3.





5.1.1.2 Group for Personal

Follow same steps to Group for Public.

5.1.2 Allocate Signal

5.1.2.1 Allocate for Public

- 1. Select one group from Public.
- 2. Select one device from Device List, inputs will show in a list at left.
- 3. Click desired input to allocate it to selected group.

DIGIBIRO UniStream	Web Client									0 ⁹ 🗉 🛨 -
S Montoring status	Public View				4					
E Device 🗸	Group List				Clear at Gave				Unconfigured ~	Device List
G Endpoint -	5 -2K					ISP 205 P 20				vincer 🙆
	III 460000				←	B 160 2008 2 21				Steam media
🕑 signals 🔍	4K060		C HE CORP. 12			D 1874597 18				
🔛 Velo Wall 💦 🕗	NEWGHCKUP 1	1	142208.2.2/			🗘 1922092)19				
ttt Matrix 🖂 👻	NEWGHOOP 2					C 1922032.13				
CO Weekshikes	NEWCHOUP 3					0 102200220	-(3)-			
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🗇 Ump 🚬 🚬						10110200224				
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Output Group						Q 107 208.7 14				
To System -						Q				
The birth sector in the						Q 80 800.0 70				
A CONTRACTOR OF THE						INCOMP 15				
3 08er						· 142,208,2,29				
						Great				
								Trans Tasa T	25/6340 *	

4. Steps to cancel allocation:

Select allocated signal from group list at left side, or from device list at right side, and click to cancel. Allocated Signals are highlighted in blue from device list.

Click Save to refresh signal list.

DIGIBIRO UniStream	n Web Client							o ⁹ g	9 1 -
S Montoring status	Public Verse			(2					
E Devoe -	Group List			Clear all Ear	Coarch		Unconfigured ~	Device List	
(i) Endpoint		Inclusion in			INF 208 2 20			VNCP	
	 4(CD)(D) 	📮 HRO 1008 P PR			INP MAP 21			Otean reda	
🕒 Gignala 🧹	a 4K0 60	142.208.2.12			142,200,2.10				
🔠 Velos Wall 👘 🔹	IN NEWGROUP	102.208.2.27			142201218				
III Matrix	IN NEWGROUP	1			19422002.10				
IT webstern a	IN NEWCROUP				0 102200230				
C HINALAN -	IN NEWCROUP				Q 1922002.12				
A Authority Y					0 102201227				
J Group -					D 10200219)			
Elignal Croup					Q 103 305 3 17				
Culput Group					1 167 205 7 14				
To System -					📮 HAP 70% 7 M				
an and the second second second					Q 100 208 2 20				
all address and					U 142 201 2 15				
© oter					•				
					G 1945				
							25/pape *		

5.1.2.2 Allocate for Person

1. Navigate to Personal view.





- 2. Select one group from Public view. All Signals belong to this group will show up.
- 3. Click desired signal and add to Personal.
- 4. Click Save to complete.

DIGIBIRD UniStream	n Web Client								0 ⁹ 🛛 1 ·
🔅 Monitoring status		Personal	Verse		4				
🖂 Device 🔷 👻	Group List				Gara				Public Group
G Endpoint -		1	💭 немі і такмі			Den i la revisión			•* 2
			DNI 124						 4K4030
🕐 ogenes 🔍 🗸			C INC 195			Q ATH I IS			4K460
III Video Wall 👘 👻			DVI-126			🖵 àplains			
III Matrix v						TICMP1.19404			
						UV-1.24			
Workshafen -						U 04-125	•		
A Authority ~						C 04-128			
						D 04123			
C. chodb									
Signel Catop									
Output Group									
							1. Contract (1. Contract)		

5.2 Output Group

Steps to create output group are same to Signals Group. Done with group, need to allocate display to corresponding group.

1. Allocate for Public

Navigate to Public, select one group, then select one control device in Device List. Select created video wall, matrix screens or Workstation monitors, and click to Save.

DIGIBIRD UniStream	Web Client						o ⁹ o 1.
🔯 Monitoring status	Public View Personal						
🖂 Device 🔹 👻	Croup List +		Clearal Save		Conligure All	Unconfigured v	Device List
(i) Endpoint ~	VIDEO WALL 1	a 61		III 162 208 7 128			WCP
_	VIDEO WALL 2	111 182 208 7.128					
🕒 Signela 🔍	VIDEO WALL 3						
📰 Video Wall 👘 👻							
III Matrix ~							
🗵 Workstation 🔹 👻							
A Adapty -							
🗇 Group 💦 🗠							
Signal Group							
Output Group							

Back to dashboard to check updated group. If the group include matrix screen and video wall or Workstation monitor, a group named Video Switch will be created by default at dashboard.

2. Allocate for Person

Under personal view, public group list will display at right side of interface. Click one Public group, all Signals belong to the group will display at left side.

- 1. Select one personal group
- 2. Select one public group and get all the Signals belong to this group.
- 3. Click any Signals of selected public group to add to personal group.
- 4. Click Save to complete.





	cam \	Web Client	a.						69 🗉 1.
🖂 Mastergatika			Present	View					
E Device		Group Last				Cearal Dave			Public Group
(f) traducial		NEW CROU					≣ 91.		VIDEO WALL 1
I.) Signale									MOEO WALL 2
III Video Wat									la Deproprié
III Mela									
😨 Werkstation									
A Automy									
(7 things									
6ignel Group									
Output Group									

5. Enable to view output group under Personal view at dashboard.

Output Group	0 Unarouped	1		
01				
Preset	001	002	003	



6 Authority

6.1 User Management

6.1.1 Add User

System allows to add different user based on roles and levels.

DIGIBIRO UniStream	a Web Client					t © %	Ŀ
🕃 Machining status	Department List						٩
🔲 Device 🗸 🗸	- SOCIAULT					Logn Status	
(ii) backwood v	🖿 sjk-tøst						
C) English	to zytest						
🕩 Signals 🔍 👻	In very test						
📰 Video Wali 🗸 🗸							
III Matra 🗸 🗸	• 🖿 500						
C Workstation ~							
A Autority -							
User Mercepensed							
Auliseity Claubic							
Gystem							
Workstations							

6.1.1.1 Create Department

1. Navigate to User, click at Default Dep. Click Add to call out new window.

Department List	[Add W
🝷 🗁 DEFAULT		
🗁 sjk-tøst	New	
🖿 zjytest	Renam	e
🖿 wxy-test	Delete	

2. Complete required information and Save.

NewDepartment		×
and		
001		
	Confirm	

3. Added department will show up at department list. Click to add sub department if necessary.

Department List		Add V
- 🖻 DEFAULT		
▪ 🖿 sjk-tøst		
D 001		
🖿 zjytest	New	
🖿 wxy-test	Rena	mө
■ Ixb-test	Delet	Ð

6.1.1.2 Add User

1. Select one department, click Add to create new user.





Department List		
- E DEFAULT	Username	Name
🕶 🖶 sjk-tost		
🖿 001 🦷		

2. Complete required information.

Add Web Client User			×
Department			
001			
* Username		* Name	
A01		A01	
Password	Use default	PIN	

Grade		Contact	
Medium			
Administrator		Z Enable Login workstat	
		Confirm	n Cancel

DEPARTMENT	Department the user working in				
USERNAME	Log in user Name				
DISPLAY NAME	Name displayed at web-client				
PASSWORD	Login password				
PIN	PIN for mobile device login				
LEVEL	Access level				
CONTACTS	User contacts				
ADMIN	Fully access				
ACTIVE	Trigger to activate user account.				
WORKSTATION	Trigger to grant the user access to login OSD at Workstation desk.				

3. Save user information.

		-			11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
DIGIBIRD UniStream	Web Client					o ⁰ 🖂 :	1-
😒 Monitoring status	Department List						
E Deven v						Login Status	
0	• Se spinest						
(e) Endpoint	001						

- 4. Trigger desired user, click Delete to remove.
- 5. Click Export to save user info in Excel to local computer. Support Import user info as well upon demand.









6.2 System Authority Setting

DIGIBIRD UniStream	web Client		0 ⁹ 🛛 1 ·
🔯 Monitoring status	System		
🗎 Davico 🔹	User List Reach. Q.	Meeta Device Server Signala Video Wall Push to Wonstation Matinic Switching Audio control Env control Com	a. Q Garo
Cndpont v	- E DEFALET	• E Management Hitelape	Postá
🗈 Signala 🗸 🗸			Enable
Vite Wel	🗷 📥 A01	> In Device	Enable
	▲ UGCR-1	+ Im Endpoint	Enable
III Matro: ~	A USER-2	🔸 🖿 Gignals	Enable
🗵 Workstation — ~	 In way-built In 600 	▶ Bit Valeo Wat	Chable
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User Management		In Wodstation	Enable
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Spelon		🕨 🖿 Geneg	Chable
Workstotions		 Its Nystern 	Enable
di George 🚽 🗸		▶ Bar Other	E Paulda

WEB-CLIENT MENU	Authority to visit specific web-client backstage menu.				
DEVICE	Authority to visit and manage control devices.				
SIGNAL	Authority to view and manage input Signals.				
VIDEO WALL	Authority to view and manage video wall.				
PUSH	Authority to push sources to other workstations.				
MATRIX SWITCH	Authority to view and manage matrix screen.				

6.2.1 System Menu

- 1. Navigate to Authority, select one or multiple users, click System Menu to enter setting page.
- 2. Trigger Enable to authorize permission. If upper-level menu is enabled, sub-menu will follow upper level setting automatically. Or sub-menu can be set independently.

DIGIBIRO Unistman	Web Client		6 ⁹ 🗉 ±-
😳 Monitoring status	System		
E Device -	therefiel Seads. Q	Menna Dovice Nerven Nepuls Video Wall Pach lo Wandalian Mahia Nodeling Autor	mented Prevaluat
🕑 Erdpoint 🖂	• E DEFAULT	So Management interfaces	Z Erable
D.) Sievale -	 Explored M to 001 		Z Erable
	🔽 🛦 A01	- In Device	🖌 Erable
E VIGEO IVIEI	USCR-1		😿 Produk
III Matrix ~	LUGER 2	Connection Correlation	🗹 Erable
C Workstation -	• b 600	+ In Fright	Cratie
A Month -	L & Marth	• In Nymbr	- Postie
thus Managamore		In Video Weil	Pride
Authority Chooded		+ Ne Matter	Posta
System		• In Werkstein	- Broader
Workstappine		• 🖿 Authority	Erable
🗇 Croup —		• Na Group .	Erable
🗇 Necken -		• In System	Erable
C. Ladonatoria		+ Bi Olive	Crable

6.2.2 Devices

Select one or multiple users at User List, direct to Device page, Enable to obtain authorities to manage the device.





DIGIBIRO UniStream	n Web Client					6 ⁹ 🛛 1 ·
Monitoring status	System					
🗐 Domino 🕞 👻	User List Acarb Q	Mona Device Server		Matrix Ballching		Q Gano
🖲 Endpoint 🗸 🗸	• E DCFAULT					Enable
🖸 Skonak 🗸 🗸	 E sjk-test E 001 					Z Padda
III Video Wall	A01					
III Marrox ~	LUGER-2					
C Workstation	In way-set In soo					
Authority ^	🗌 🛦 tect11					
User Management						
Authority Checidiat						
System						
Warkshillens						

6.2.3 Signals

Select one or multiple users at User List, Enable to obtain authorities to manage signals.

DIGIBIRO UniStream	n Web Client						o ⁰ 🗉 🛨 -
C Monitoring status	System						
E Dovico -	User List Reach Q		Signale Video Wall	Push to Worstation	Audio control		Q Saw
🕑 Endpont 🗸 🗸		- 6 2K					Z Pratie
🗈 Signale 🗸 🗸	 						Z Cnable
IIII Video Wali 🗸	🗷 🛦 A01						Z Cnabie
	USER-1	• EDI-1.15					Z Probio
	I have been						trable
Workstation *	• 🗌 🖿 500						Enable
🕂 Autoriy 💦 🗠	A teat11						Enable
User Management							Enable
Authority Checklist							Cnable
System							Cnable
Workstallow							

6.2.4 Video Wall Management

Select one or multiple users at User List, direct to Video Wall page, Enable to obtain authorities to manage video wall.

DIGIBIRO UniStream	n Web Client			0 ⁹ 🖂 1-
🕞 Monitoring status	System			
🖂 Dovine 🚽 -	User List Armst. Q.	Menu Device Server Signala	Video Wall Push to Worstation Matrix Switching	Grands . Q. Game
💮 Endpoint 🗸 🗸		• 🖬 н		Enable
🕒 Bigrada —	 B spi-sect B 001 	IN VIDEO WALL I		🖉 Frankis
III Video Wall	💌 🛦 A01	VIDEO WALL 2		Enable
The second second		In VIDEO WALL 3		Enzolo
III Matrix ~	▲ U8EN-2			
Workstation -	• 🔲 🖿 way-test			
	• E 500			
A Authority ^	A test11			
User Management				
Authority Checklet				
Nysham				
Workstateres				

6.2.5 Push to Workstation

Select one or multiple users at User List, move to Push page, enable to obtain authorities to push signals to operator.





DIGIBIRD UniStream	a Web Client						ď	0 1-
🔅 Montoning status	Byelcer							
- Device ~	UserLet Score. Q		Gignalis Video Wall	Push to Worstation	Matrix Gwitching			R. Kova
🕑 Endpoint 🚽 🗸		• 5-4						Z babb
🗈 Eignala 🗸 🗸	• 🖉 🖬 spicest							💌 Enable
Viko Wali -	✓ ▲ A01 ▲ USCR-1							Z Faith
III Matex ~	A USCR-2							
🕚 Workstation 🗸 🗸	Bit any lost Bit 500							
A Automy ~	🛔 loatti							
Gar Macquered								
Authority Chocklist								
Gystern								
Workstations								

6.2.6 Matrix Switching

Select one or multiple users at User List, direct to Matrix Switching page, Enable to obtain authorities to manage matrix screens.

DIGIBIRD UniStree	m Web Client					09	0 I-
😒 Machaing states	System						
E Device ~	Usertist Seads. 9,			Metrix Ratiobing			Carr
🖲 Endpoint 🔷	- E DEFAULT	- 🖿 Matri					Z Enable
(+) Signals	- 🖬 🖬 qk tod - 📈 🌆 001						Z Enable
🗮 Video Wali 🗸 🗸	💌 🛦 A01						Z Enable
	LISPE 1						Z Chable
III Maha 🗸 🗸	▲ UNP-R 2						Chable
🗵 Workstation 🔷 🗸							Posto
A Adusty -	A test I						Fratio
User Management							Enable
Advaily Orachist							Endle
Spilon		 EUrgrouped 					- Postio
Workstations							

6.3 Workstations

Set up authorities of OSD menu, including Signals management, video wall display, matrix switching, and collaboration.

DIGIBIRD UniStream	n Web Client				6 ⁹ @ 1.
💷 Monitoring status	Workelalisme				
🖂 Device 🗸 🗸	UserList Dearth Q.	Signals Video Wall Matrix Owtching	User Collaboration Workstation Collaboration		Q Sava
🕞 Endport 🗸 🗸		- te 2K		Z All Z Viduo	🗷 KVM 🛛 UNH
🕞 Signals 🗸 🗸	 Be ejk-teet A USER-1 	+ UVI-1.13-KM-USB		Z All Z Vidoo	🛛 KVM 🛛 USH
	A USER-2	- DVI-1.14-MM-UEB		🗾 All 🗾 Vidao	🛛 KVM 🛛 UNB
THE VIEW VIEW	In way had			🗹 All 🛛 Video	🗹 KVM 🛛 USB
III Matrix ~	 Im 500 				
🗵 Workstation 🗠					KVM USD
A Authority					KVM USO
User Management					KVM UNH
Authority Checkint					KVM UNH
Gystem					KVM USB
Workstatione		· Bratese			I KAM I USA

SIGNALS	Authorities to manage signals via OSD.
VIDEO WALL	Authorities to manage video wall display via OSD.
MATRIX	Authorities to manage matrix screen.
USER COLLABORATION	Authorities to collaborate with other users.
WORKSTATION COLLABORATION	Authorities to collaborate with other Workstations.

6.3.1 Signals

Navigate to Workstation Authorities, select one or multiple users, set authorities of Signals.







DIGIBIRO UniStream	Web Client				e® 🛛	1.
S Manking Status	Workelafaras					
	User List I i and a	Signals Video Wall Matrix Owitching Liver Collaboration Workstation Collaboration			a	Bave
		- b X		e Viller	KVM	🖉 LINEE
-	• E b sjolest	- LVL1.13 RM UNE	× 48	Vieton		
	A UCENIE	- CVL1.14H84U08		2 Video	KVM	😿 UNH
Vite Wat	· · In way bed			vikteo	RAW I	2 088
III Matur -	• b 1000					USB
🖾 workstation —						i uso
A Automy -						
						1,000
						- UNE
						i Use
Workstations		• Decent		Veters		- 1.00

ALL	Trigger all indicates trigger View, KVM, and USB.
VIDEO	Authority to view signal over workstation client
KVM	Authority to manage signal computer via KVM
USB	Authority to use USB-Hid devices. If trigger USB, View and KVM should be triggered as well.

6.3.2 Video Wall Management

Navigate to Workstation Authorities, select one or multiple users, Enable targeted video wall to accept signal push.

DIGIBIRD UniStream	m Web Cilent		09 😐 1-
S Monitoring status	Worketatione		
E Daven -	User List See A. Q.	Signale Video Walt Matte Switching User Collaboration Workstation Collaboration Streets	Q Ease
③ Endpoint ~	- E DEFAULT	- B H	Enable
Sipuli -	 E spotset A UNV-R 1 		Enable
III Video Well	LINER 2	• B VIDEO WALL I	Z Fastia
IIII VIDEO ITAL	• 🔲 🖿 way-test	MUDEO WALL 2	🗾 tonabio
III Maha —	• 🗆 🖿 600	• In VIDEO WALL 3	Z Ensbie
C Workstation			
Authority ^			
User Management			
Authority Checklet			
System			
Workstations			

6.3.3 Matrix Switching

Navigate to Workstation Authorities, select one or multiple users, Enable targeted matrix screen to accept signal push.

DIGIBIRD UniStream	n Web Client			0 ⁹ 🗆 1-
🐼 Monitoring status	Workelalisms			
🖂 Device 🗸 🗸	User List Ocarch Q.	Signals Video Wall Metrix Switching User	Collaboration Workstation Collaboration	Search. Q New
④ Endpoint ~	• E GEDERALET	- 🕞 Matrix		Z brublo
🕞 Sgnale 🗸 🗸	 Es ajuteat A UCER-1 			Z Fraddo
THE MINING MINING	■ UGCR-2			Z Emble
V 000 VI2.	In way load			Z Enable
III Matro ~	• • • • • • • • • • • • • • • • • • • •			Z Enable
C Workstation ~				Z Frable
A Addressy				Z Presida
User Management		+ 192.208.1.107		🖉 Emilie
Authority Chookid				Z Emble
System		 B Ungrouped 		- Postia
Workstations				

6.3.4 User Collaboration

Authorized user is able to push desktop or KVM to another authorized user. The access will follow with user account, no matter which Workstation he login.

Select one or multiple users, direct to User Collaboration and Enable.





DIGIBIRO UniStre	am Web Client						o ⁰ 🗉 📭
32 Monitoring status	Wishalidama						
In Device	User List	Egnala Video Wall Mantic Guttching	User Collaboration	Workstation Collaboration			Q Beat
C Encourt		- & DEFAULT			🛛 M 🕑 Patr 🔽 Patr	n 🖉 Macing 😰 I	ikalo 😵 Monangei
773 (Darson		• Brahlani			🖉 Al 🔗 Push 😢 Folk	n 💌 Meang 💌 (irab 💘 Messaga
	LUCET 2	• 🖿 any test			🗶 Al 😿 Part 🕑 Path	e Z Maring Z I	iada 😿 Manangar
III Vibili Web	• In any-test	+ m 500			😸 Al 😸 Paile 😸 Poile	. 2 Maring 2 C	ica) 😟 Managa
III Matrix	• E 10 500						
Wolshitze							
A Autory							
User Management							
Authority Checklist							
Eystern							
Workskationa							

ALL	Trigger to enable All, including Push, Follow, etc.
PUSH	Authority to push desktop and KVM to another authorized user.
FOLLOW	Authority to view and follow desktop of another user.
MEETING	Invalid
GRAB	Invalid
MESSAGE	Invalid

6.3.5 Workstation Collaboration

User sitting at this workstation is able to push desktop or KVM to another authorized Workstation. The access will follow with Workstation, no matter what user account.

Select one or multiple users, direct to Workstation Collaboration and Enable.

DIGIBIRD UniStream	Web Client							69	0 1 -
🐼 Monitoring status	Workelalizzes								
🖂 Device 🗸 🗸	User List Courthin Q	Signals Video Wall Matrix Switching	User Collaboration	Workstation Collaboration					Sm
(i) Endpoint	 E DEFAULT E Se oktest 	• 6 -H					🗷 Hollow 🛛 Mooting	🗾 Grab	Voecago
🗈 Gignele 🔍 🗸	Z & UGER-1	• 130+128				Z Al Z Pah	Police Moding	Z Godi	Maraga
📰 Video Walt 💦 🔹	U0CR-2					Z Al Z Pah	🖌 Policer 🕑 Moding	2 Ganto	Vonigo
III Matrix ~	• E 500								
🗵 Workeletion 🔹									
A Authority ^									
Unor Management									
Authority Checklist									
Workstations									
		and the second sec	•						
ALL	Trigger to enab	ole All, including Push	, Follow, e	etc.					
PUSH	Authority to pu	ush desktop and KVM	to anothe	er authorized	user.				
FOLLOW	Authority to vie	ew and follow deskto	p of anoth	ner user.					
MEETING	Invalid								
GRAB	Invalid								
MESSAGE	Invalid								

Authority Checklist 6.4

To query which user has access to view and manage certain signal. Meanwhile, can modify authority of selected signal.

Checklist 1.

Navigate to Authority Checklist, select one signal from Signal List or Output List. User with access will show up in the list at right side.



	n Web Client				69	9 1 -
3 Monitoring status	Nigosis					Corro .
E Device -	Total 41		1 2 1 23			
G Endpoint -			adma (XCTALAT)			
Th formation of the	2 D/4	1.13 KM USB				
			ana present ti			
III Video Vitel 🗸 🗸						
III Matrix ~						
🖾 Workelation — -						
A Autority -						
Uwer Management.						
Authority Checkles						
tyslem						
Workstations						

2. Authority Setting

Select targeted signal to revise authorities for users.









7 Video Wall Management

7.1 Video Wall Configuration

7.1.1 Create Group

Create groups for video wall based on application, location or business department.

1. Navigate to Video Wall Config, click 🕂 and complete required information.

DIGIBIRO Vehistreem Web Client								0 ⁹ 🙂 1 ·		
🖾 Montoring clatus	Yideo well group +						na bûne. 🔵	Force Culpet.	Device List	
E Deves										
🕞 Endpoint 🚽 👻										
🗈 tagrate 🗸 🗸			Ner	vGroup						870
III Video Well				POWNIA						
Settings										
Probail: Layout										

2. Created group will show up in video wall group list.

	Video well group	+
	VIDEO WALL 1	
	VIDEO WALL 2	
	VIDEO WALL 3	
	SVIDEO WALL 4	
	VIDEO WALL 5	
•	VIDEO WALL 6	

3. Secondary group is supported upon demand.

7.1.2 Add Video Wall

Add video wall to group and allocate receivers.

- 1. Click Add to add a video wall.
- 2. Default wall layout is 2x2.

Description of parameters:

Add				×
* Name:				
Prebuilt Customized				
2*2 2*3 2*4		3*5		
Resolution :	Mode :			
1920*1080@60	Video wall			
H bezel:	V bezel :			
0				
Layers:				
2 layers				
		Confi	m c	

	_			_
Add				;
* Name :				
O Prebuilt O Customized				
Screen 2 2		Sub-win		
Resolution :		Mode:		
1920*1080@60		Video wa	all	
H bezel :		V bezel :		
0		0		
Layers :				





Name	Shortcut
Video wall name	Offering 7x layout for quick setup
Customization	Physical Wall Numbers
Customize video wall layout	Input column and row numbers of display.
Virtual Sub-screen 2*2 Virtual sub-screen, easy to position windows and auto adjust size, default is 2x2.	Resolution Set output resolution
Display	Horizontal/Vertical Bezel
Support LCD wall and LED wall.	Set bezel compensation for LCD wall.

Layers

Select different layer numbers accordingly

3. Done with cable connection, drag receivers from device list and drop to corresponding display.



4. Done with setting, back to dashboard, click video wall name at Output Group, then you can manage the video wall.

Hide Channel

Hide All

Disable all

Force Output

Reserved for future

Disable channel display

Show Channel

To display output channel ID at connected display. Helps to detect physical connection between receivers and display.

Show all

Display all output channel at displays.

Always display monitor title Display monitor title on top of video wall display.

7.1.3 Abnormal

7.1.3.1 Bezel Compensation

Set up bezel compensation for those LCD panels with large bezel to avoid image distortion and tearing.





	Iream	Web Client			0 ⁹ a 1-
S Watergelde		Video wall group 8	e Add Stave Ehren Charnel Hide Charnel Ehren All Charnelle Hide All Charnelle Allexys display acres the 🌒 Force Output: 🌒	Device List	
E Dense		- E VIDEO WALL I	Name UT Common as a il boost 100 Moder Video yagi v		
(F) Endpoint			Resident 1929/1020460 v Galves z z V tost 100 Layers 2 Jages v		
The second s		VIDCO WALLS			
(1) Garals		 IN VIDCO WALLS 			
I Video Wal					
Settings .		VIDEO WALL 5		192 200 1 113	
Probuilt Exyout		VIDEO WALL 6		192 200 1 115	
III Mate		E Ungrouped			
🗵 Workelation					
A. Adverty					
C ¹ Group					
C Nyelere					
G Insiementation					
C ON					

- Horizontal Bezel indicates the pixel numbers between left screen and right screen.
- Vertical Bezel indicates the pixel numbers between upside and downside.

7.1.3.2 LED Configuration

As LED wall size is various, have to select LED mode when configure LED wall.

	am Web Client		0 ⁰ @ 1.
🖾 Monitoling status	Video wall group	+ Add Eave Ehoer Channel Hide Channel Ehoer All Channels Hide All Channels Alverys display screen titles . Force Octput:	Device Lief Auto Layout
Device	- SVIDEO WALL 1	Name of Greek 2 2 II beel 0 Mole LCD v	
() Endpoint		Brokker 10201060460 v Silver 2 2 V hord 0 Layers V	
Lik Brench	• IN VIDEO WALLS 		
(** oignae	VIDEO WALLS		
III Video Wall	VIDEO WALL 4		182 208 1 112
Settings	VIDEO WALL 5		182 208 1 114
Prebuit Layout	VIDEO WALL 6		
III Matter	 Ungrouped 		
C Workstation			
A Arreny			
CT Croup			
Ci Parlam			
8 mm			
		Dow height and Column with exce	

Click LED screen and set up height and width.

- 1) Row Height indicates height of the row.
- 2) Column Width indicates width of the column.

Row height and column width cannot exceed output resolution, e.g. If output resolution is 1920x 1080 @60Hz, row height cannot exceed 1080 and column width cannot exceed 1920.

7.2 Display Layout

7.2.1 Create Windows

Select one input signal, drag and drop it to automatically create a screen size widow.

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DIGIBIRD UniStream Web Client		0 ⁹ 0 1-
Signals Favorite	Output Group	
Q, Scorch	VIDEO WALL 1 VIDCO WALL 2 VIDCO WALL 3 Ungrouped	
- ts 24		
☆ + 0VI 1.13 KM 058		NB / G
C • DULTERMEN		1 8 2 9
	lood of a III II	
A - 1041 121 KM		
☆ + 001124		
☆ + DVI 125		
☆ + 041126		
슈 + DVI 1.23		

AAAA		
Del LIS KA USS	x 0 Y: 0 Wide: 1920 Hoya: 1080	

Select one input signal, left click mouse and hold it to create a rectangular window. If want to create a new window on existing window, please press Ctrl and cross mouse to create.



7.2.2 Windows Layout

Multiple windows can be created and displayed at video wall. Each window can be moved, resized. Windows layer order can be modified also.





DIGIBIRD UniStream Web Client		0 ⁹	۰. ۵	1 - 1
Signals Favorite	Output Group			
Q Search	VIDEO WALL 1 VIDEO WALL 2 VIDEO WALL 3 Ungrouped			
- 🖿 SK	4			
😭 = DVI-1.13-KM-USS				
(2) • DVI-1.34-KM-058	Fineet	$\langle \rangle =$		\odot
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	€ Tap			
Q = 04.125	3 fame			
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	🖌 🔁 të të signal saver			
	7 File unind unine			
	X) Fit to all second			
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	1 A 1 A 100 100 100			
A THE REPORT OF THE PARTY OF				

Select one window, right click to call out a menu.

ТОР	Set the window to top
воттом	Set the window to bottom
FIT TO SCREEN	Resize the window to fit screen, or double click window center to execute.
FIT TO COVERED SCREEN	Resize the window to fit for covered screen.
VIDEO WALL	Resize the window to fit entire wall.

7.2.3 Signals Switching

Select one window, drag one signal from Signal List to the window to switch.



7.2.4 Lock

Lock windows layout to avoid maloperation.







Under Lock status, only preset recall and preset circle are workable. Click disable Lock.

7.2.5 Preset Save and Recall

7.2.5.1 Preset Save

- 1. Click 📃 to call out dialog box after done with layout.
- 2. Input preset name.



3. Saved preset will show up at presets list.



7.2.5.2 Preset Recall

Drag saved preset to video wall to recall preset.

DIGIBIRD UniStream Web Client		0 ⁹ 0 1-
Signals Favorite	Output Group	
Q Search	MDRO WALL 3 VELO WALL 3 Displayed	
* 5 24 2 - 20413 394455 2 - 20414 494455 2 - 20413 2 - 20413		< > 8 2 ∅
534-4		

7.2.5.3 Preset Management

Click \land to rename or delete preset.

7.2.5.4 Preset Circle

Click 步 at right side of preset menu to enable preset circle.



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Select desired presets and set intervals to start circle. Valid interval is from 10s to 9,999s.



7.2.6 Cropping

The feature can be used to crop unwanted section of Signals.

1. Select one input signal, right click mouse to select Crop.

DIGIBIRD UniStream	Web Client				
Signals Favorite		Output G	roup		
Q Search	VIDEO WALL 1 VIDEO				
• 🖴 2K	_	01			
☆ • DVI-1.13-KM-US8					
☆ • DVI-1.14-KM-USB	Preset				
☆ = SDI-1.15	Cropping	Tool	e a	11 II	

2. Crop can be executed by dragging signal boarder, or inputting accurate pixel number.



3. Cropped signal will show up as sub signal of original.









7.3 Prebuilt Layout

User can set up pre-layout of video wall. Therefore, it helps to save time when creating windows at video wall.

- 1) Navigate to Video Wall Layout at backstage, select one group video wall, click Add.
- 2) Input layout name and create layout with rectangular fames.



3) Saved layout will show up at downside of vide wall.

DIGIBIRD UNIST	eam Web Client			9° 🛛 📭
D Monitoring status	Video wali group		Layout settings	
Durse				
(i) Entered			LAPOUT 2	
0.000				
🕀 Repole	VIDEO WALL 2		Ana romark:	
💷 Video Wat	 In VISCO WALLS 		Acre extinge	
Settings				
Proball Layout				
III Meter				
C Workstadion				
a second				
C. Constants			10.00	540
C? Group				
CE System				
S Implementation				
E ONF				
		Level at 1		
		LAYOUT LAYOUT2		

4) Back to dashboard, and check saved layout by clicking 🧾 at Video Wall section.







7.3.1 Execute Layout

- Select one layout at backstage and Enable to apply.
- Or select one layout in layout list at dashboard to apply.

DIGIBIRI UniStream Web Client		0.0	
Signals Institle	Output Group		
Q Seat.	VIDED WALL 1 VEX D WALL 2 VEX D WALL 3 Temployeed		
- B X			
• Q = 044133404433			
☆ # BM-LH-DH-USB	Proof Period	< 2 B	
12 + 10-L11	The g 🛦 H 🔟		
12 + 8256-11945F 12 + 8256-11945F 12 + 845-124	Columna		
☆ # EW-125	Defaal LAYOUT I LAUDUT 2		
0 + 64 121			
OV-LID-BALAS			

7.3.2 Create windows at layout

Drag one signal to vieo wall and release it. The window will auto fit covered rectrangular frame.



7.3.3 Delete Layout

Select one video wall layout, and click 🗵 icon to delete at backstage.









8 Matrix

8.1 Parameter

Configured matrix receivers can be viewed at Matrix Config.

DigBRD UniStream Web Client								0 ⁹ 🗉 1-		
🐼 Monitoring status	Croup I list									
E Devce v	Bo Matter				Narw	3	IP/Channel	Online Status	Output revolution	•
G. F. L.	Ungrouped									
() Endpoint v										
🗈 Signala 🔍 🗸										
THE VIOLO WAT										
III Marrax 🔹										
Matrix Settings										
Quick Switch										

Select desired receiver, click Output Config, and input output resolution.

	Output Settings	٢.
1	Freeze the last frame :	
	Output resolution: • Follow	
	1920*1080@60 ~	
	Background color: Restore to default	
	Confirm Cancel	

FREEZE LAST FRAME	Invalid
OUTPUT RESOLUTION	Force output at this resolution
BACKGROUND	Invalid

Select desired receiver, click Show Channel to display channel number. Click Hide Channel to hide channel number.

8.2 Matrix Switching

8.2.1 Signal Switching

8.2.1.1 Switch in Preview Mode

Select one matrix screen, drag one signal and drop to the screen to switch.

Matrix



DIGIBIRD UniStream Web Client			09	ø	11
Signals. Excelte	Output Group				
Q frieds.	H Multix shuying VIDEO WALLY VIDEO WALLY UDED WALLY Ungrouped				
· ь ж	Video Switch Audio Switch Workstation Yush				
 ・ ① ・ DV-133-69468 ・ ・ ・	Final			i 1	0
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☆ • 500 1.18	192284/123				
☆ + H041139 KV					
Q = 04124					
Q + 04-126					
⊈r • 0w-123					
- And					
and a state					
506 1.15	Gerhagtes.p	Ad	a video sy	colorise.	

8.2.1.2 Switch in List Mode

In list mode, select one input signal, then click one output.

DIGIBIRD UniStream Web Client			0 ⁰	ø	1.1
Signals Favorite	Output Group				
Q Search	-H Manix zhuging WDFO WALL1 VIDFO WALL2 VIDFO WALL3 Ungrouped				
• 🖨 2K	Multic smillun Audio Switch Workstation Push				
 121 + DVI-L13-KM-USB 	Nur			a 🧳	6
값 + 0/4-114-00-058					Ψ
57 + 50+1.05	192,200,7,123				
tr + HOMI-LIBHOM					
☆ • 04-124	2				
☆ • 08-120					
☆ • 08-126					
☆ • 078-1.28					
- (()					
604115	Switzhing Group	Aut	o video sy	ropation	-
1000 00 000 000 000 000 000 000 000 000					

8.2.2 Multiview Mode

Each matrix screen can be set as single-view, quad-view, nine-view and 16-view.

8.2.2.1 Multiview settings in preview mode

For any matrix screen, click the button downside of screen to select single-view, quad-view, 9-view and 16-view.





DIGIBIRD UniStream Web Client	
Signals Favorite	Output Group
Q Search	-H Matrix zhuying VIDEO WALL 1 VIDEO WALL 2
 ► 2K ☆ • DVI-1.13-KM-USB ☆ • DVI-1.14-KM-USB 	Video Switch Audio Switch Workstation Push Preset
☆ SDI-1.15 ☆ • SDI-1.16 ☆ • HDMI-1.19-KM ☆ • DVI-1.24 ☆ • DVI-1.25 ☆ • DVI-1.26 ☆ • DVI-1.23	192.208.7.123 SDI-1.15 K7 H Heide Middala SDI-115

8.2.2.2 Multiview in List Mode

Right click output port to select Multiview mode.







8.2.3 Switch by group

8.2.3.1 Fast Switch Setting

1. Create Group

Navigate to Fast Switch Config, click 🛨 and input group name.



Multiple groups can be added upon demand.

DIGIBIRD UniStreen	n Web Client				0 ⁹ 🙂 1 ·
🗇 Montoreg status	Group Last +		Coard Saw		d 🖂 Output Group
E Device -					Mable
G. Sectores					E Ungrouped
(c) toulout .					
D Bigrahr – +					
III Video Wel -					
III Materix -					
Maters Solarge					
Quick Skitch					

2. Signal Allocation

- 1) Select one Fast Switch Group in Group List.
- 2) Select one Output Group.
- 3) Click desired output Signals to add to fast switch group. Click again to ungroup.

DIGIBION Unitsream Web Client (4)							0 ⁹ 🛛 1-		
C Montoring status	Group Lesi +				Gould Care			Unconfigured 👻	Owlput Group
E Doveno -	- Quin 🚹	111 102.200.1.100				## 1.101			De Matrix 🙆
6. e						111 110/ABO 100			Cogrouped
(e) England v		TTT 192,208.1.194				III 102,200,1,105			
🗈 tāgnais — 👻						III 107.00 1 100			
III Video Well									
III Materia 🗠 🗠						III 102.200.1.104			
Makis Gellinge						## 1022001.NO			
Queck Pertitih									

8.2.3.2 Switch

Select one input signal in Signal List, click Fast Switch Group at bottom to switch the signal to all screens in this group.







DIGIBIRD UniStream Web Client			Ø	• ø	±-
Signals Favorite	Output Group				
Q Search	-H Merrix Hosping VIDFO-WALL1 VIDFO-WALL2 VIDFO-WALL3 Ungrouped				
 ► 2K · ¹/₂ = 04-1.13-KM-050 ¹/₂ = 04-1.14-KM-050 	Multis welch Audio Swhich Worktsteine Push				e ø
☆ + 50+115	1922037123 1922037123				
な。+ PUBH-LIGHW な。+ DVI-124 な。+ DVI-125					
☆ + 041-126 ☆ + 041-123					
	2				
50+1.16301.1.5r	Switching Group 001 002 003 004	•	udia videa	syncopation	-

8.2.4 Preset Switch

Save current switching relationship as a preset for quick recall in case of need.

DIGIBIRD UniStream Web Client		09	ø	1.
Signalis, Favorite	Output Group			
Q Scash_	-IT Main's staying VIDIO WALLE VIDIO WALL? VIDIO WALL? Ungreaped			
- 6 <i>3</i>	Materia with Audio Switch Workstation Push			
· · · · · · · · · · · · · · · · · · ·	Prost. 240 P.0 P.0 P.04			
\$P + 30-1.0	192.007.738 192.207.7.123			
tý + HDMI-LIS+M				




9 Workstation Operation

9.1 Workstation Setting

9.1.1 Create Group

1. Click Ħ to add new group, input group name and save.

	i Web Client		0 ⁹ 🖾 1-
😒 Monitoring status			Device List
Device -			Reach Q
(i) Endpoint ~			
D Needs		NewGroup X	
C. Mittan			
III Video Wall			
III Matrix ~		Contem	
Workstation ~			
Weeks Is first McKenne			
the second se			

2. Group will show in the list after created.

+
Q

3. User can create secondary group under level 1 group upon demand.

9.1.2 Add Workstation

9.1.2.1 Single Workstation

1. Select one group, click New Workstation and complete required information.

Add Workstation		×			
• Workstation Name :					
• Resolution:	Monitor:				
1920*1080@60	- AOC - 2460C-2	Add Workstation			
Apply to all	Apply to all	* Workstation Name :			
O Prebuilt Customized					
		* Fisiolution :		Monitor	
Ŀ		Apply to all		Z Apply to all	
		O Prebuilt O Custom	ized		
		1	Row		Colum
	Contirm	Cancel		Contirm	
NAME	Workstation nar	ne			
RESOLUTION	Resolution of me	onitor			
SAME FOR ALL	Trigger it all mor	nitor resolution will be same			

Monitor model on Workstation



MONITOR



SAME FOR ALL	Trigger it all monitor model will be same
QUICK LAYOUT	Select among built-in layout
CUSTOMIZE LAYOUT	Customize Workstation layout

2. Confirm to save settings.

	web Client						69 🖸	£-
Monitoring status	Workstation Group +					Device List		
E Deven -		Name: 000						
🛞 Endpoint 🔍	• B-H							
🗈 Sipala 💡 🗸								
🔲 Video Wali 🚽 🗸								
III Makis -	 In Matrix 							
Workstation	🕨 🖿 pingin							
Workstation Softings	• 🖿 daging	a presa Reseluti pona						
A. Adverty -	MOEO WALL 1							
(Till Group -	+ INDEO WALL 3							
(G Cyrese -	• E WDEO WALL 4							
G Implementation -	• E VIDEO WALLS							
🖯 Oner -	• In vioco wall a							
	• B Depagor							

9.1.2.2 Allocate Receiver Channel

Allocate mapping relationship between receivers and Workstation monitors based on actual cable connection. Select one receiver channel in Device List, drag and drop it to monitor.



9.1.2.3 Master Screen and Receiver Screen Setting

Monitor can be set as master screen and receiver screen. Each Workstation need assign one and only one screen as master screen, which will be main operating area. Each Workstation can assign one and only one screen as receiver screen, which will receive pushed Signals from other users or Workstations.

Select one screen, right click to open option list, and select set as master or receiver screen.





DIGIBIRD UniStream	n Web Client							0 ⁹ @ 1-
🖸 Monitoring status	Workstation Group						Device Liet	
🗄 Davior 🔹 👻		Namo: 000						
🛞 Endpoint 🗠 🗸	± № 41							
🗈 Signale 🗸 🗸								
📰 Video Wal 👘 👻	119							
III Matro: ~	In Matte							
S Workstation	in prje							
Workstation Gettings	• 🖿 zhvying	a confict to on						
A distance -	In VIDEO WALL 1							
() cmp -	· WIDEO WALLS			-12				
EB Henlan -	• E VIDEO WALL 4		Ser ai anno 19					
G Inglamentation -	• IN VIDEO WALLS		Ser period					
Ө отни –	In VIDEO WALL 6		Moutor St.					
	· Disposed		Inter					

9.1.2.4 **Resolution Setting**

Right click to open option list, and select Resolution List.

Set resolution	×
1920*1080@60	
Save	ancel

9.1.2.5 Modify Monitor

Right click to open option list and select Monitor.

Monitor Settings		×
AOC - 2460C-2		~
	Save	Cancel

9.1.2.6 Add Workstations in Batch

Select one group, click Add Workstation and complete required information.







NAME	Workstation name
RESOLUTION	Resolution of monitor
SAME FOR ALL	Trigger it all monitor resolution will be same
MONITOR	Monitor model on Workstation
SAME FOR ALL	Trigger it all monitor model will be same
QUICK LAYOUT	Select among built-in layout
CUSTOMIZE LAYOUT	Customize Workstation layout
NAME	Workstation name

9.1.3 Show Channel

Click Show Channel or Show All under Workstation Config at backstage to enable display of channel number at monitor. Or click Hide Channel or Hide All to disable display.



9.2 Monitor Setting

Operator can add monitors to library.

1. Navigate to Monitor Setting at backstage, click Add to run setting page.





DIGIBIRD UniStream	m Web Client					0 ⁹ @ 1.	
🔯 Monitoring status							Ċ,
E Daviso -	Manufacturer	Model	Size (In inches)	Flatto	Width (mm)	Height (mm)	
G. A							
C Enclosert ·							
🗈 Gignela 🔷 🗠							
Veloc Wall -							
III Matrix ~							
C) Workington v							
A Automy ~							
r Como -							
🕞 Nyakan 🗧 -							
Implementation ~							
⊖ œer ∽							
Monitor Settings							
Customized Res							
Protosol Library							

2. Complete required information and click Confirm to save.

/	Monitor Settings		x
	* Manufacturer:	* Model:	
	AOC	2460C-2	
	* Size (in inches):	* Ratio:	
	24	16:9	
	Width (mm):	Həight (mm):	
		Confirm Ca	

Monitor information should be accurate to ensure mouse smooth slide when crossing monitors.

MANUFACTURER	Monitor manufacturer		
MODEL	Monitor size		
Size	Monitor size		
ASPECT RATIO	Monitor aspect ratio		
WIDTH	Auto calculation		
HEIGHT	Auto calculation		

3. Added monitors will show up at Monitor List.

DIGIERD - Unitateum web client										
🕄 Monitoring										
E Device		Manufacturer	Model							
(e) Endpoint										
D Signals										
Video Wall										

9.3 Workstation Operation

9.3.1 Login

1. Input user name and password to log in.





DIGIBIRD			Caps: lock	English	▼
	88				
	KVM System				
	👤 admin				
	<u> ∩</u>				
	Remember Auto login				
	Login				
		Copyri	ight Beijing Digibird	Technology C	o.,Ltd.

2. After login, move mouse to top middle of monitor to call out signal OSD menu.



3. Move mouse to down middle to call out monitor OSD menu.



9.3.2 Signal Management

Select Signal at Signal OSD menu or Monitor OSD menu, click signal name in signal list to switch. Or drag desired signal to monitor at Monitor OSD to switch.





OSD Description

	L	ist Mode		
Preview Mode List Mode	Favorite	Key wo	ord research gnal IP	KM Status
	AI	🖾 Multi-Head Graph	nics 🚽	Pushed
	* 6		Search	٩
Unfold/Fold 🛶 🔻 Gro	up 1			^
•	Group 1-1			
Favorite/Unfavorite —	* One		192.208.7.20	-
Signal Status —	★ 🛛 Two		192.208.7.21	20
Signal Name —	★ ● Three		192.208.7.22	
	★ ● Four		192.208.7.23	10
	★ ● Five		192.208.7.24	
1-	★ • Six		192.208.7.25	E
	\star 🔍 Seven		192.208.7.26	
▼ Gro	up 2			
	∃ _ 88	• 🔲 •	<u>2</u> 2 •	
Sigr	nals Prese	et Layouts	Collaboration	Others

List: Show signals in a list Preview: Show signals with preview.









9.3.3 Multi-head Graphics Switching

For servers with multi-head graphics, can set up multi-head signals as one signal and switch all at once.

Click Multi-head Graphics at OSD menu to display available multihead graphics signals.



9.3.4 Operate Signals

If computer signal can not be controlled, the signal might not support keyboard and mouse control,

or the computer is being controlled by others. If there is at the right side of signal, it indicates that another is user is controlling the computer. You can apply for KM access by clicking the icon.

KM Authority Request	Received,Would You Accept?
User ID:	YS
Resource Name:	HDMI-1
	No

9.3.5 Push To

User can push current signals to other workstations or video wall.

Signals	¥⊐ المح Push	山) Audio	Full	Others
Master Screen	🚴 Users	Workstation	🔛 Video Wall	🔐 Matrix

9.3.5.1 Push to Master Screen

Navigate to Push To, select Master Screen to push current signal to master screen.









9.3.5.2 Push to Workstation

Push current signal to another workstation.



1) Navigate to Push To, select one or multiple Workstations, select KM access for one workstation, and Push to execute.



2) Selected workstation receiver screen will pop out a message, select Yes to display received signal.





9.3.5.3 Push to User

Push current signal to another user.



1) Navigate to Push To, select one or multiple Workstations, select KM access for one workstation, and Push to execute.

	Signals	↓ Push	للاً) Audio	[_] Full	Others	
	Master Screen	🚴 Users	C Workstation	💽 Video Wall	🔛 Matrix	
	r			Search	۹	
	Group				^	
0-	User 1				•	-2
L	User 2					
	User 3					
	User 4					
	User 5					
			Push -	-8		

2) Selected user will receive a pop out message at receiver screen, select Yes to receive.

9.3.5.4 Push to Video Wall

User can push current signal to video wall, including full video wall, single screen, single window, preset save, and preset recall.

Navigate to Push To, click Video Wall, and select one video wall group in the list.





	Signals	¥ الح Push	لل Audio		Others						
	Aaster Screen	🚴 Users	Uorkstation	🖳 Video Wall 🗕	Matrix	-0					
٦				Search	۹						
▼	Group A				^						
	Video Wall 1•—2										
	Video Wall 2										
	Video Wall 3										
▼	Group B										
	Video Wall 4										
	Video Wall 5				~						
•	Video Wall 3 Group B Video Wall 4 Video Wall 5										

1. Push to Full Video Wall

Select Full in the sheet, click Push to display the signal to video wall as a full image.









2. Push to Single Screen

Select Single in the sheet, click Push to display the signal to selected screen.

To All D	Displays	To One Display	To Window		×
		Push	Save Preset	Clear All Cancel	







3. Push to Window

Select Window in the sheet, click Push to display signal to target window.



Select one Window from virtual video wall layout interface, click Close to remove the window. If the video wall size is too big to select target window, can shift to Partial view. When you click one screen, a 2x2 video wall will pop out with selected screen as left top screen.





To All Displa	ays To One Di	splay					×	To All [Displays	To One Displa	y To Window					×
Partial vie	w Back							Glob	al View	Back	2x2 video wall	with selected	d as left top	display		
	_									_	_					
														1		
		-						\rightarrow	-		_					
														J		
								_								
Pull 8	Back Pu	sh	Save Preset	Close	Clear All	Cancel			Pull Back	Push	Save Prese	Close	e Cle	ar All	Cancel	

4. Grab

Under Window sheet, select one window, click Grab to display the window source to current workstation monitor.





5. Save Preset

Save modified layout as preset, which will display at Monitor OSD-> Preset-> Video Wall

To All Displays	To One Display To Win	dow		×
Partial View	Back			
	Save		×	
	Name			
	Shortcut			
		Confirm	Cancel	
Capture	Push Save P	reset Close	Clear All Can	cel

6. Clear Video Wall

Click Clear to remove all video wall display.

9.3.5.5 Push to Matrix

User can push signal to matrix screen, or one of window when the matrix is set as multiviewer mode. Navigate to Push To, select Matrix in the sheet. Select target screen to push.









9.3.5.6 Withdraw

Navigate to Signal in Monitor OSD or Signal OSD, click Pushed to check signals have been pushed. Click is to withdraw KM access, click is to withdraw push.





🌻 All	🗗 Multi-Head Graph	nics	🚽 Pushed			
→ ∓0			Search	Q		
Name	1	Pushed To	Retrieve K/M	Retrieve ^		
Signal 1		user 1		->>		
1						
<u>ଚ</u>	. 8.	29	2.			
Signals Preset	Layouts	Collab	oration	Others		

Click Click control co

9.3.6 Layout Setting

System allows monitor to display up to 4x signals as quad-view. Navigate to Layout in Monitor OSD, select Single or Quad-view.

Single	∏ q	Had Jack					
signal		F	Preset	Layout	▲ :s	ିହି ୁୁୁୁ ► Collaboration	Others

SINGLE Each QUAD-VIEW Each

Each monitor display one source at a time Each monitor display up to four sources in quad-view



9.3.7 Audio Setting

Navigate to Audio at Signal OSD, drag volume bar to turn up or turn down volume. In quad-view, each signal audio can be managed independently, and output in mix.



I Signals	¥ ۲ Push	山) Audio	[]] Full	Others
Audio Source H	Mic On			
()	Default			

9.3.8 Remote On/Off

9.3.8.1 Single computer

signals	✓□ □♪ ▼ Push	لل Audio	[]] Full	Others
Lock	ON/Off	USB	Clear Windows	Release KM
	Power			
	Force Power Off			
	Reboot			

System allows user to power on or power off remote computers. Navigate to Others in Signal OSD menu, options will be shown at drop down list.

9.3.8.2 Multiple Computers

Navigate to Others at Monitor OSD and select Batch Switches, then select targeted computers to operate.

© ≋			Search	Q		
▼ A				^		
Signal 1			1	92.208.7.20		
Signal 2	Signal 2 192.208.7.21					
Signal 3 192.208.7.22						
Signal 4 192.208.7.23						
Signal 5				92.208.7.24		
Signal 6			1	92.208.7.25		
Р	ower	Force Power Off	Reboot			
Clear Display	Clear Workstation	Batch Switches	Set	tings Exit		
Signals	Preset	Layouts	ିଥି ୁ Collaboration	Others		

9.3.9 USB-Hid Devices

System is compatible with USB-Hid devices, such as flash disk, USB printer and scanner. Switch to target computer, connect USB device to receiver and enable USB in Signal OSD.

Signals	✓□ □♪▼ Push	Audio	لے] Full	Others
💼 Lock	ON/Off	USB	Clear Windows	Release KM





9.3.10 Follow

Follow feature allows to monitor desktop display of another workstation.

- 1) Navigate to Collaboration in Monitor OSD.
- 2) Select follow workstation or user.
- 3) Select target monitor and click Follow.



4) Selected workstation will pop out request message, click Yes to accept. Higher grade user can follow lower grade user directly without sending request message.

		Follow Request Rec	eived,Would You Ace	cept?	
		User ID:	YS		
		Monitor ID:	0		
			Yes No		
		Wor	kstation 2		
5)	Click 🕩 to quit.				

9.3.11 Preset

Navigate to Preset in Monitor OSD and call out preset options, including workstation preset, single monitor preset, video wall presets and matrix presets.

9.3.12 System Setting

Can setup interface, shortcut and check status.





(tear Display	(📥) Clear Workstation	U Batch Switches		Settings	E xit
Signals	Signals Preset		<mark>ب</mark> <u>ک</u> ے Collaborat	ion (Dthers

9.3.12.1 System Settings

To set up response setting, mouse DPI and receiver screen.

	Settings	×
	Custom	Automatic Response Setting
	Settings	Need Confirm Auto Accept Auto Refuse
	Shortcut	Master Screen Settings:
	Status	Receiving screen - 0 + Mouse follow Enable Disable
	Change Passw	Mouse DPI: - 050 + Acceleration Enable Disable
		Show preview: Enable Disable Back to Bounded PC: Enable Disable
		Auto-Logout: Time-out 0 Minute Enable Disable Save
AUTOMATIC SETTING	RESPONSE -	Trigger Need Confirm, will receive request message. Trigger Auto Accept, will accept automatically without approval. Trigger Auto Refuse, will refuse any request.
RECEIVER SCREEN		Set default receiving screen
MOUSE FOLLOW	0	Once pushed to master screen, KM will follow to master screen also
DPI SETTING		Set mouse DPI and acceleration

Set auto log out time when there is no operation

9.3.12.2 Interface Setting

AUTO LOGOUT

Settings		×
Custom	Boundary Settings:	
Settings	Red 255 +	
Shortcut	Green 000 +	
Status	Blue 000 +	
Change Password	Alpha O + Default	
	Resource Name: Enable Disable Source IP: Enable Disable	ble
	Show Menu: Enable Disable Audio follow mouse: Enable Disa	ble

BOUNDARY	Set up boundary color.
SIGNAL LABEL	Enable signal label to display signal name down below the signal content.
IP	Enable to display IP address on signal source.





OSD MENU

Enable to show OSD menu, disable to hide OSD menu. Can call out OSD menu again

9.3.12.3 Shortcut

	ENT	ER/EXIT OSD	LCtrl+M		
	ENTER/E	XIT FULL SCREEN	LCtrl+LAlt+F	-	
	SHOW/H	IIDE INPUT LABEL	LCtrl+LAlt+N	J	
	SHOW/HI	DE OSD INTERFACE	LCtrl+LAlt+C)	
	SWITCH	I LAYOUT MODE	LCtrl+L		
	PUSI	TO MASTER	I Ctrl+I Alt+P		
	OPE			/	
	RETURN MOU	SE TO MASTER SCREEN	LCtri+LAit+F	<	
	Settings			×	
	Custom	Functions	Shortcut	Edit ^	
	Settings	Enter/Exit OSD	LCtrl+M		
	Shortcut	Enter/Exit Full Screen	LCtrl+LAlt+F	2	
	Status	Show/Hide Input Name	LCtrl+LAlt+N	2	
	Change Destroyed	Show/Hide Menu	LCtrl+LAlt+O	2	
	Change Password	Switch Layout Mode	LCtrl+L	2	
		Push to Master Screen	LCtrl+LAlt+P	2	
		Open Input List	LCtrl+LAlt+Y	2	
		Return Mouse to Master Screen	LCtrl+LAlt+R	2	
				~	
Shortcut can	be modified by c	licking 🔼.			
	Edi	t Shortcut	×		
		Name Enter/Exit Full Screen			
	S	hortcut LCtrl+Z			
		Confirm			

9.3.12.4 Status

To check system version and user information.







9.3.12.5 Revise Password

Revise password of current user.

	Settings				×
	Custom	Change Password			
	Settings	Enter Old Password			
	Shortcut	Enter New Password			
	Status	Confirm New Password	I		
	Change Password	Save 1			
9.3.13 Ot	hers				
9.3.13.1	Clear				
1. Clear Wind	dows				
Navigate to	o Others in Sig	gnal OSD, click (Clear to clea	ar current sigr	nal source.
	Signals	 ✓ □ ✓ ▼ Push 	(」) Audio	[] Full	Others

2. Clear Screen

Navigate to Others in Monitor OSD, click Clear to clear all signals on this monitor.

📥 Clear Display	Clear Workstation	ل Batch Switches		📀 Settings	Đ Exit
Signals	Preset	ד בו קר ב t Layouts Colla		, ion C	Dthers

Clear Windows





3. Clear Workstations

Navigate to Others in Monitor OSD, click Clear Workstation to clear all signals on this workstation.

Clear Display	Clear Workstation	لل) Batch Switches		💠 Settings	• Exit
r Signals	Preset	Layouts	۲ <u>ک</u> ے Collaborat	ion C	Dthers

9.3.13.2 Lock

Navigate to Others in Signal OSD, click Lock to freeze signal. Once locked, the signal can only be viewed.

signals	✓□ ♪▼ Push	لل) Audio	[_] Full	Others
🔒 Lock	ON/Off	USB	Clear Windows	Release KM

9.3.13.3 Release KM

Navigate to Others in Signal OSD, select Release KM to release occupied KM access. Another user will obtain KM access to this computer without request.

Signals	✓□ □♪▼ Push	山) Audio	[]] Full	Others
🔒 Lock	ON/Off	USB	Clear Windows	Release KM

9.3.13.4 Full Screen or Resume

Under Quad-view mode, user can show one signal as full screen by clicking Full in Signal OSD.

<u></u>	€ □ □♪▼	E)	<u>ل</u>		
Signals	Push	Audio	Full	Others	

Click Resume back to quad-view mode.

<u></u>	€ □ ♪ ▼	∐ ≫	_ _ _	•	
Signals	Push	Audio	Resume	Others	

9.3.13.5 Exit

Click Exit in Monitor OSD menu to log out.

Clear Display	Clear Workstation	ل) Batch Switches		Set	🔅 tings	₽ Exit
Signals	Preset	Layouts	<u>ച്ചു</u> Collabor	▼ ation	C	Dthers



