

IPE605-TX



IPE605-RX



IPE605

Rev. 02

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1. WELCOME!

Thank you for purchasing the IPE605. The IPE605 HDMI Video Wall over IP Extender with costing effectively includes a transmitter and receiver kits. It can send high definition video and audio signal to an HDMI or DVI enabled TV sets, Projector or LCD PC monitors display device with receiver distance up to 100 meters with uncompressed signal and nearly zero latency. Users can extend any other HDMI full HD sources from Blue-ray disk player, DVD players, PC, Notebook, gaming machines (e.g. SONY PlayStation®, Nintendo Switch™). HDCP compliant with HDMI supports resolution up to 1080P Full HD and stereo digital audio.

No software or utility are required to easily build a matrix display. The IPE605 is specifically designed for a 10 positions rotary switch for 10 Tx-Rx pairing and 16 positions rotary switch for video display configuration supports 1x2, 2x2, 3x3 matrix display & different display modes. With Gigabit Ethernet network switch (must support IGMP snooping), The IPE605 can be Point-to-Point, Point-to-Multipoint, and Multipoint-to-Multipoint on the same IP LAN. Achieve multiple screens for all kinds of environments, Such as Surveillance system 、 Digital signage 、 Trade shows 、 Campus 、 Airports 、 Shopping center and Conference center.

1.1. PACKAGE CONTENTS

- ◆ IPE605-TX HDMI Video Wall over IP Extender Transmitter x 1
- ◆ IPE605-RX HDMI Video Wall over IP Extender Receiver x 1
- ◆ 5V/2A Universal Power Adapter x 2
- ◆ 1-meter HDMI Cable x 1 (Optional)
- ◆ Screwdriver for Dip Rotary Switch Adjustment x 2
- ◆ Wall Mounting Bracket x 2
- ◆ Hook & Loop Fastener x 2
- ◆ Installation Manual x 1

Notes:

If any of the items is damaged or missing please contact your retailer.

1.2. FEATURES

- ◆ Extend high definition video signal over ethernet(100Mbps/1Gbps)
- ◆ Point to point up to 330feet (100 meters) over cat5e/cat6 Ethernet cable, supports Ethernet topology (**must support IGMP snooping**). Specifically designed a 10 positions rotary switch for 10 Tx-Rx pairing
- ◆ No software or utility are required to easily build a matrix display. 16 positions rotary switch for video display configuration supports 1x2, 2x2, 3x3 matrix display and different display modes
- ◆ A friendly additional GUI application for Video Wall remote settings and management
- ◆ Near zero signal latency and frame delay
- ◆ Each pairing process can be broadcasted up to 250 locations (TVs/Projectors)
- ◆ Supports 480i/576i/720i/1080i/480P/576P/720P/1080P HDTV compatible
- ◆ Supports HDMI 1.3, HDCP 1.2 and DVI 1.0 compliant. Fully HDCP compliant to protect high-definition content transmission and ensure quality reception
- ◆ Supports many connection configurations:
 - Direct connect from transmitter (Tx) unit to receiver (Rx) unit
 - Tx unit to network switch to Rx unit
 - Tx unit to network switch (must support IGMP snooping) to many Rx units
 - Tx unit to network topology (must support IGMP snooping) to many Rx units
 - Many Tx units to network switch (must support IGMP snooping) to many Rx units
 - Many Tx units to network topology (must support IGMP snooping) to many Rx units
- ◆ A flexible Audio/Video solution for conference rooms (when sharing ideas and data), digital signage (extending the distances between displays) and other applications
- ◆ Compatible with PlayStation and Xbox game systems, Blu-ray players, set-top boxes and more
- ◆ VESA mounting bracket supported

1.3. SPECIFICATIONS

Technical	
Model Name	IPE605
Transmitter (Tx)	IPE605-TX
Receiver (Rx)	IPE605-RX
HDMI Compliance	HDMI v1.3
HDCP Compliance	HDCP 1.2
Video Impedance	100 Ω
HDMI Audio Formats	Stereo digital audio
Video Resolution	<p>Input Resolution Range: 640x480 to 1600x1200 and 1920x1080, 480p/i, 576p/i, 720p/i, 1080p/i @60/50Hz</p> <p>Output Resolution Range: 640x480, 800x600, 1024x768, 1280x768, 1280x800, 1280x1024, 1360x768, 1366x768, 1400x1050, 1440x900, 1600x900, 1600x1200, 1680x1050, 1920x1080</p> <p>HDTV 480p, 576p, 720p, 1080i, 1080p</p>
Max. Video Data Rate	4.96Gbps
Max. Ethernet cable Distance	Point-to-point 330 feet(100meters) over cat5e/6cable Support Ethernet topology (must support IGMP snooping),
Ethernet cable requirement	Solid conductor, 24 AWG or better
ESD protection	Human body model: air-gap discharge: +-15kv contact discharge: +-8kv
OVP protection	Protection Voltage Up to DC 20Volts

Input / Output	
HDMI connector	Type A 19-pin female Input with lock x1
Ethernet connector	RJ45 port (100/1000BASE-TX Ethernet) Female 8P/8C with 2 LED indicators x1
Power supply	DC Jack 3.5mm
10 positions Dip rotary switch (color: black)	Tx and Rx each have 10 groups DIP switch for Tx-Rx pairing. Dip rotary switch color: black
16 positions Dip rotary switch (color: blue)	Rx have a 16 positions video display configuration achieved, support full screen,1x2,2x2,3x3 matrix
LED	LED x 2 Upper amber LED: Product Status indicator Bottom green LED: Power ON indicator
Buttons	Recall to default button x1

HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

Mechanical	
Enclosure type	Aluminum
Enclosure Color	Black
Enclosure Dimensions (W x D x H)	87.20 x 88.00 x 27.00 mm
Enclosure Dimensions with bracket (W x D x H)	112.00 x 88.00 x 27.00 mm
Product Weight	120g
Product Weight with bracket	156g
Power Supply	Input: 100~240VAC, 50~60Hz, 0.4A Output: 5VDC, 2A, 10watts
Power Consumption	Max. ≤ 4 watts
Operation Environment	
Operation Temperature	+32 to +122 °F (0 to +50 °C)
Storage Temperature	-40 to +158 °F (-40 to +70 °C)
Relative Humidity	20% to 80% RH, noncondensing
Regulatory compliance	CE, FCC Class A, RCM, UL, VCCI, BSMI Complies with the appropriate requirements of RoHS, WEEE
Product warranty	2 years

1.4. HARDWARE FEATURES

◆ IPE605-TX

Front View



Rear View



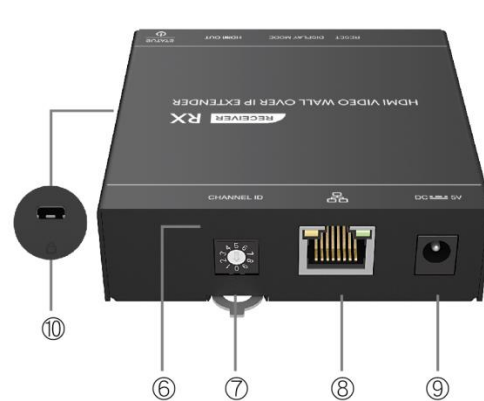
- ① Reset
- ② HDMI Input Port with Lock
- ③ Upper amber LED: Product Status indicator
- ④ Bottom green LED: Power ON indicator
- ⑤ Channel ID
- ⑥ Screw tool
- ⑦ LAN Port
- ⑧ Power Jack
- ⑨ Security Lock Slot

◆ IPE605-RX

Front View



Rear View



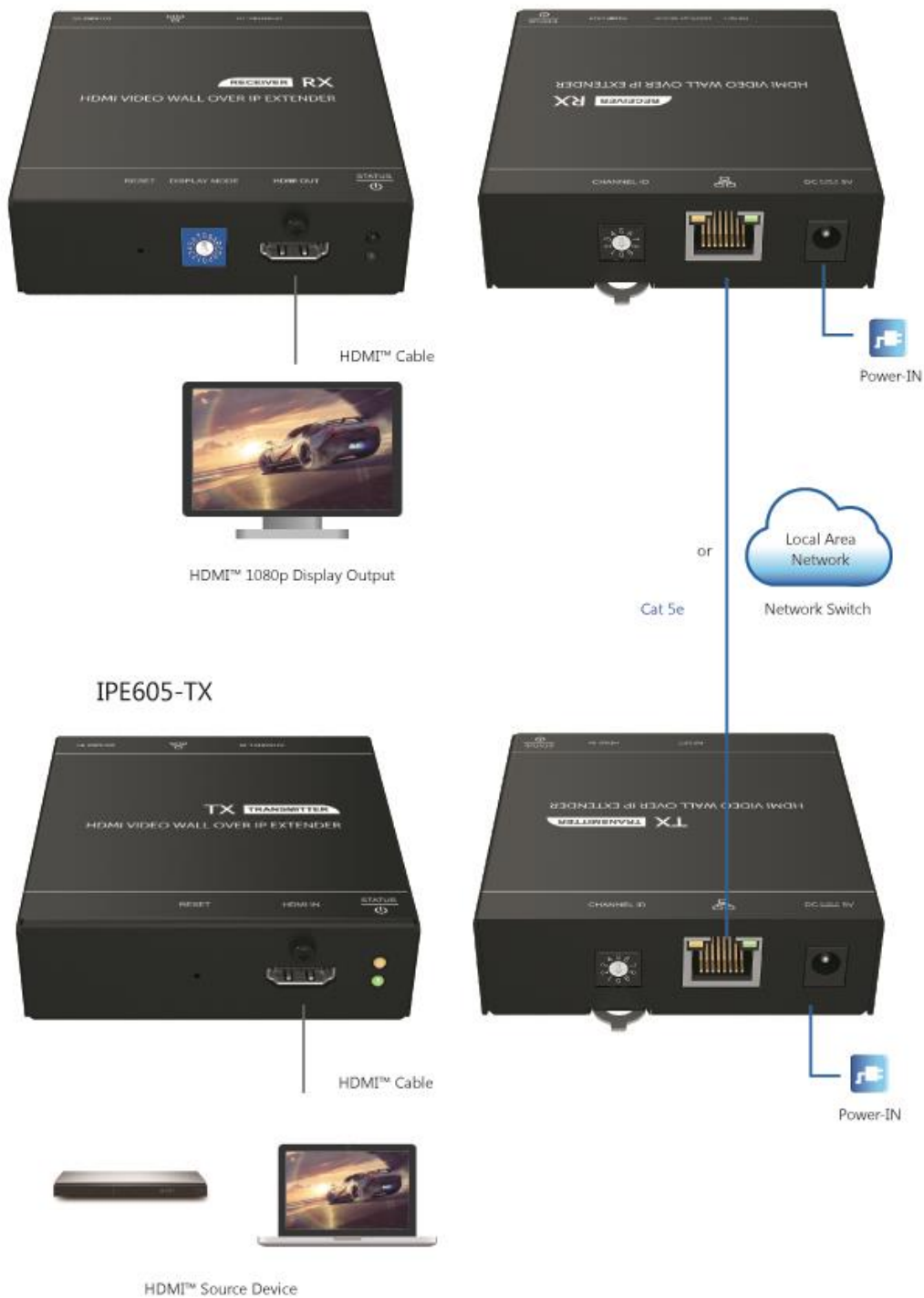
- ① Reset
- ② Video Display ID
- ③ HDMI Output Port with Lock
- ④ Upper amber LED: Product Status indicator
- ⑤ Bottom green LED: Power ON indicator
- ⑥ Channel ID
- ⑦ Screw tool
- ⑧ LAN Port
- ⑨ Power Jack
- ⑩ Security Lock Slot

2. CONNECT PERIPHERALS

2.1. HARDWARE INSTALLATION

2.1.1. POINT-TO-POINT

- Direct connect from Transmitter IPE605-TX to Receiver IPE-605RX unit.
- Transmitter IPE-605TX unit to network switch to Receiver IPE-605RX unit.



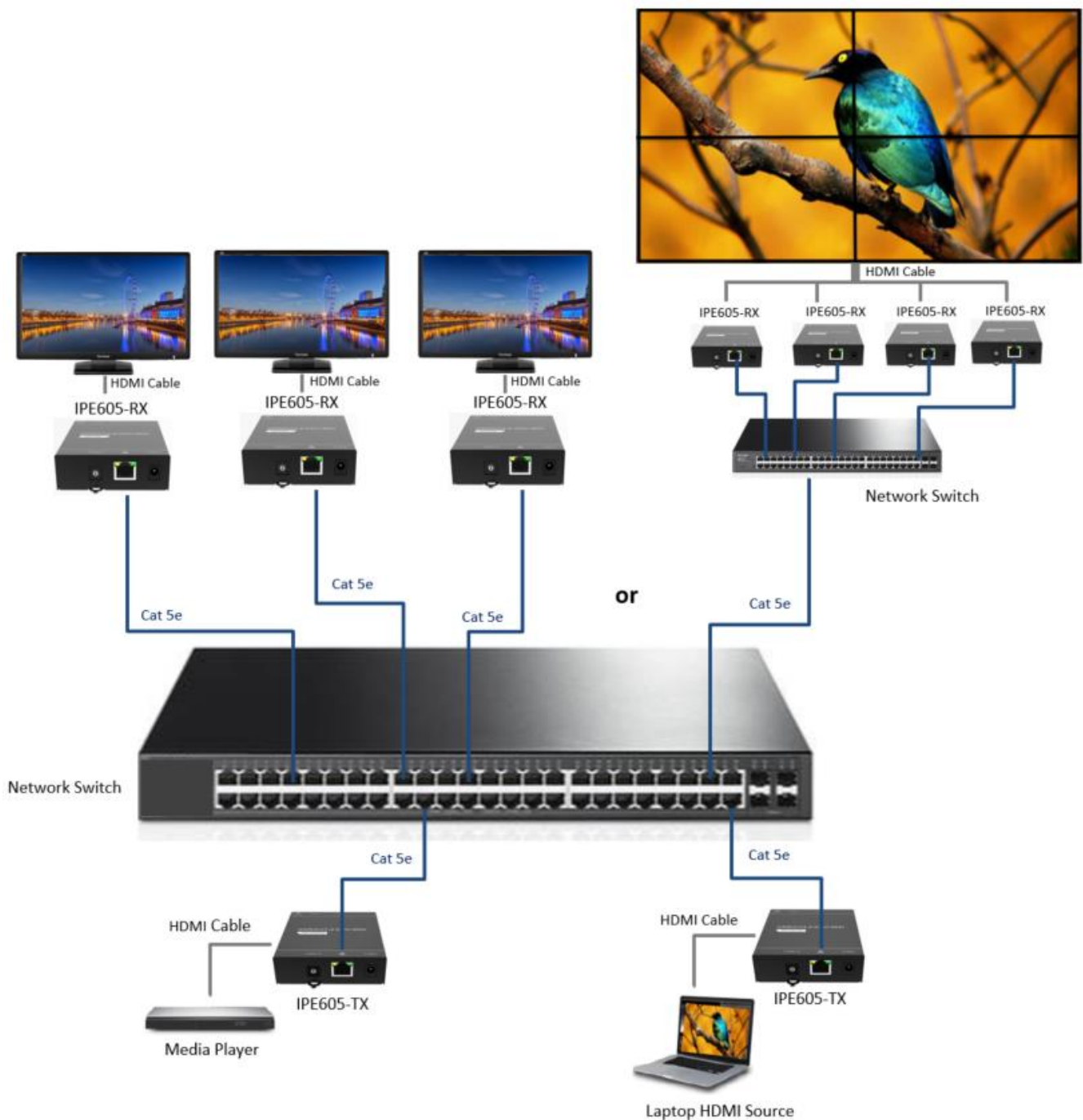
HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

2.1.2. POINT-TO-MULTIPOINT

- Transmitter IPE605-TX unit to Gigabit Ethernet hub (must support IGMP snooping) to many Receiver IPE605-RX units.
- Transmitter IPE605-TX unit to network topology (must support IGMP snooping) to many Receiver IPE605-RX units.

Notes:

Your Gigabit Ethernet hub must support IGMP snooping. Refer to your gigabit ethernet hub documentation to ensure IGMP snooping is supported and enabled.



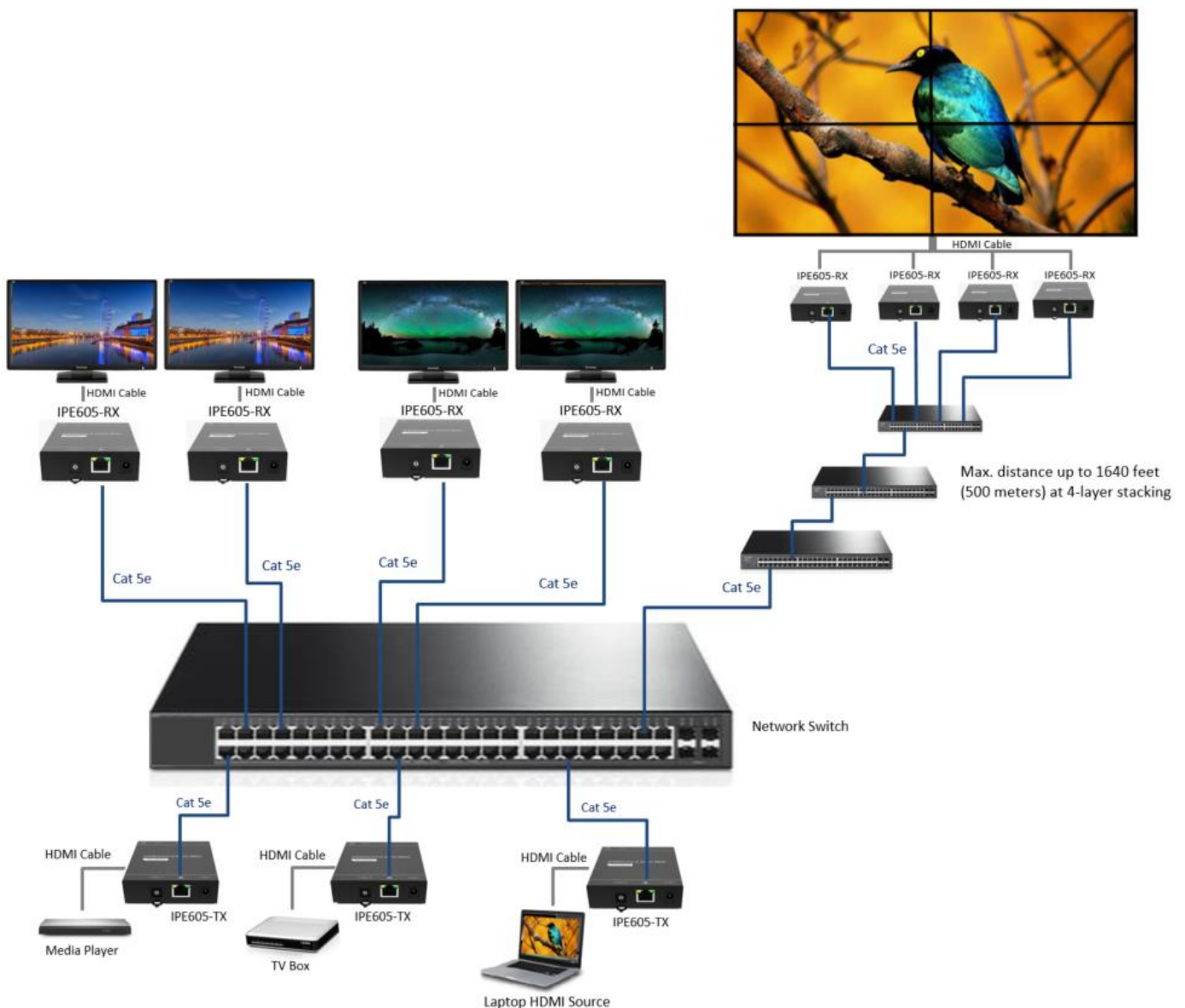
HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

2.1.3. MULTIPOINT-TO-MULTIPOINT

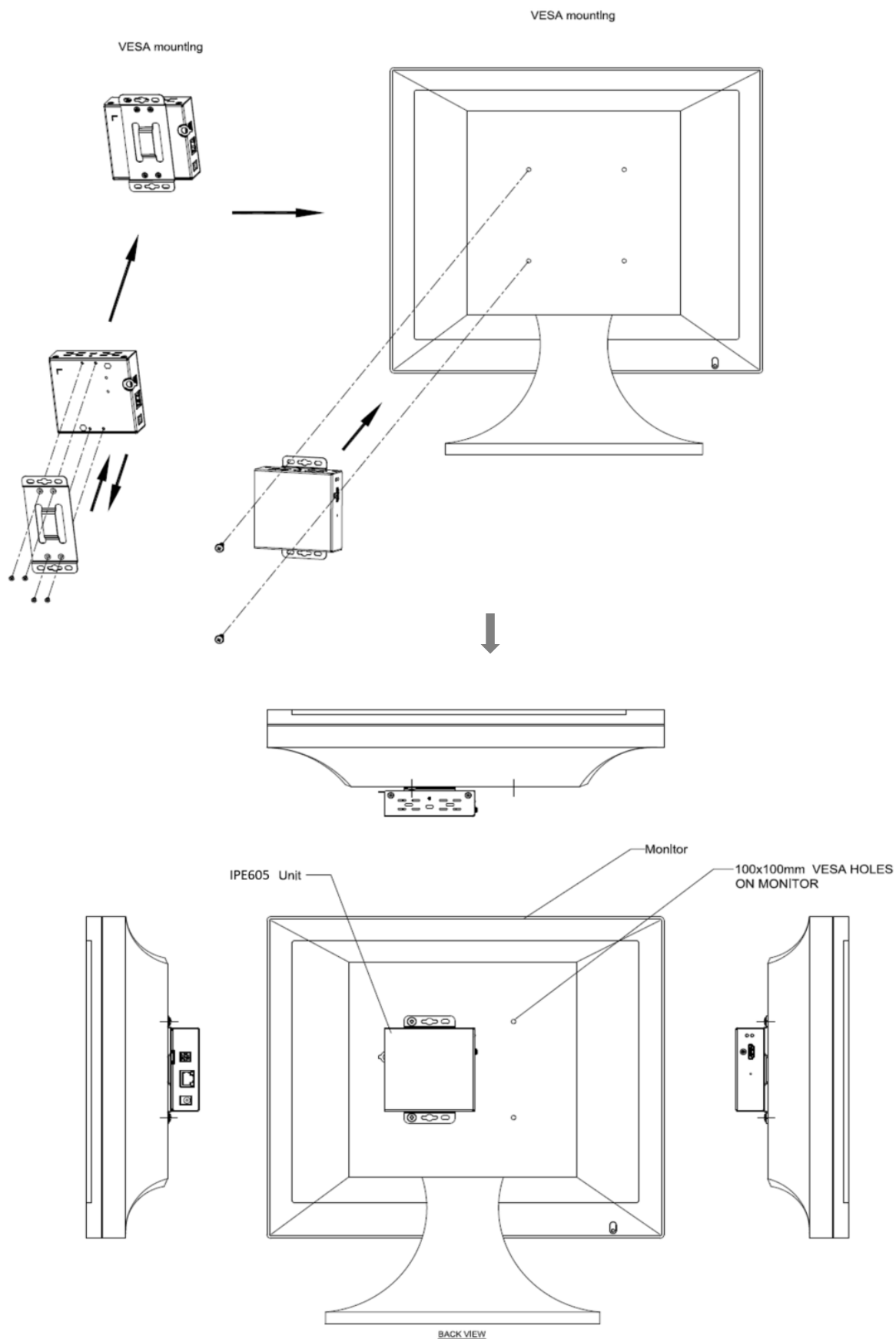
- Many Transmitter IPE605-TX units to Gigabit Ethernet hub (must support IGMP snooping) to many Receiver IPE605-RX units
- Many Transmitter IPE605-TX units to network topology (must support IGMP snooping) to many Receiver IPE605-RX units.

Notes:

Your Gigabit Ethernet hub must support IGMP snooping. Refer to your gigabit ethernet hub documentation to ensure IGMP snooping is supported and enabled.



2.2. ASSEMBLY DIAGRAM



CAUTION! Use only the bundled power adapter. Using other power adapters may damage your device.
IMPORTANT! Use the correct adapter plug for your area/region. The adapter is for dry and indoor used only.

3. EASILY BUILD A MATRIX DISPLAY

- 3.1. No any software need.
- 3.2. Use the HDMI cable to connect the HDMI Input port on the IPE605-TX, then put the other end to connect the HDMI Output port on your video source device.
- 3.3. Use the HDMI cable to connect the HDMI Output port on the IPE605-RX, then put the other end to connect the HDMI Input port on your video display device.
- 3.4. Point-to-Point setups, connect one end of an RJ-45 cable to the LAN port on the IPE605-TX and connect the other end of the same RJ-45 cable to the IPE605-RX LAN port, or pass through the network switch to extend.
- 3.5. For Point-to-multipoint and multipoint-to-multipoint setups, connect the IPE605-TX and IPE605-RX device LAN port via RJ-45 cable to the same local area network environment through a Router and/or Switch hub.
- 3.6. Plug-in the power adapter into the power jack on the IPE605-TX and IPE605-RX.
- 3.7. Use the screw tool for Channel ID setups, the devices will not connect automatically and first time should be selected Receiver IPE605-RX channel ID number matched with Transmitter IPE605-TX channel ID number to establish interconnections.
- 3.8. According to the video output display mode and positions to adjust video display ID selector on the IPE605-RX. Refer to the following matrix diagram of video output display configuration.

Matrix Diagram

Full Screen



Display ID



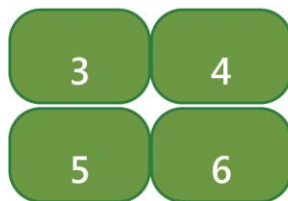
1 X 2 TV-Wall



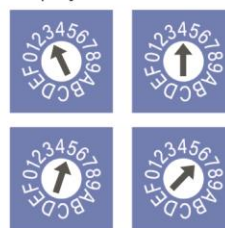
Display ID



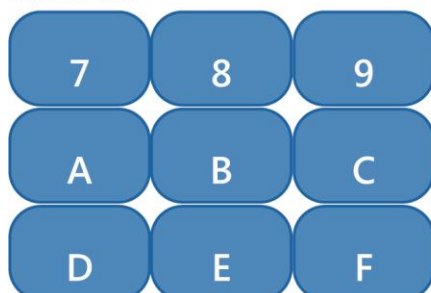
2 X 2 TV-Wall



Display ID



3 X 3 TV-Wall



Display ID

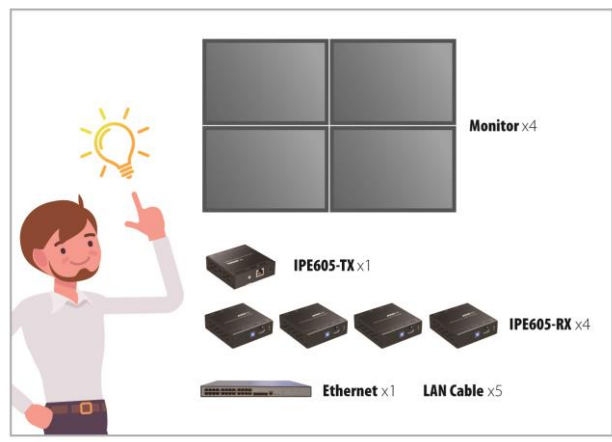


4. EASILY BUILD A MATRIX DISPLAY FOR EXAMPLE

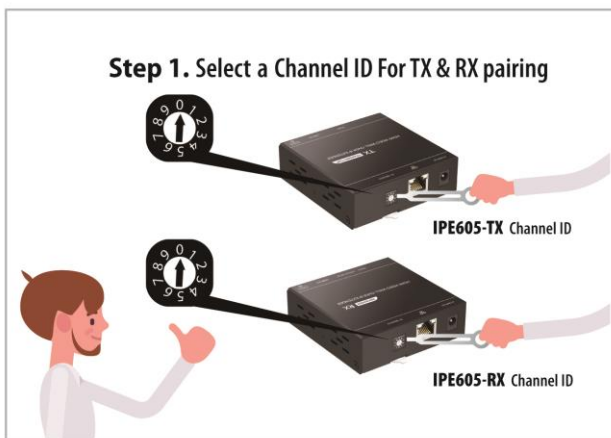
① How to set up the 2x2 video wall



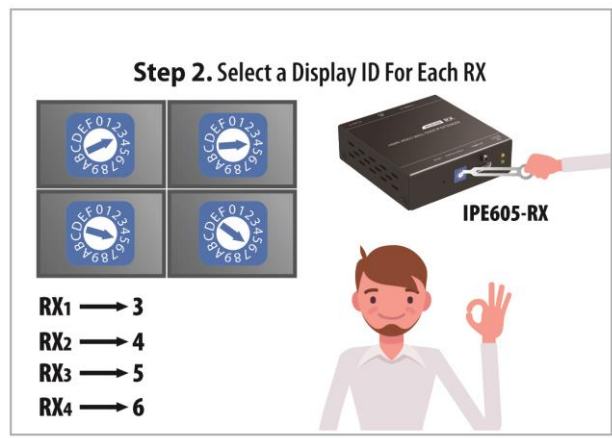
② How to deploy the 2x2 video wall



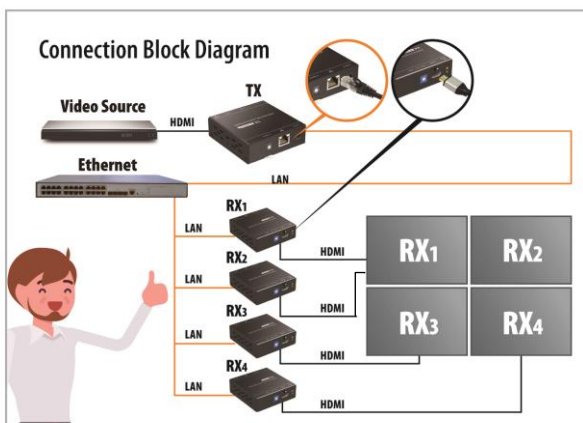
③ Select the TX / RX Channel ID



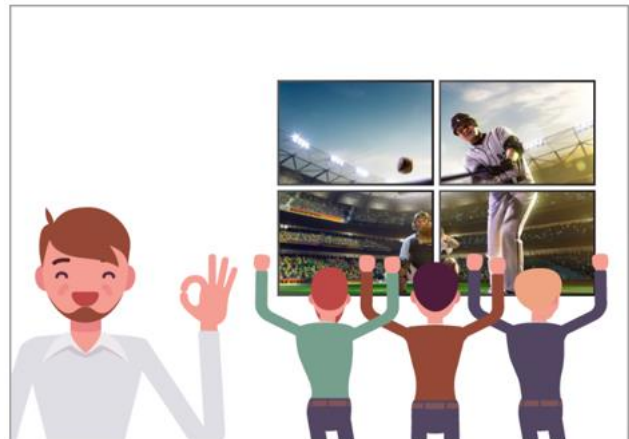
④ Select the RX Display ID



⑤ Device connection



⑥ Complete



5. INTRODUCTION MANAGEMENT UI

The management UI includes four pages as below:

- **Device page:** Display fully detailed information of Receivers and Transmitters
- **Walls page:** The management UI provides three video wall types for easy creation of video walls.
 - “Create new video wall” for easy matrix setup 1x1, 1x4, 2x2, 3x3 ... 5x5 video walls.
 - “Create mirror wall” Quickly set up many remote receivers while receiving a single transmitter source video image.
 - “Create customize wall” Quickly set up a customized video wall, you can choose same size or a different one of monitor to create a video wall. You can put the monitor on the video wall at any position for artistic video wall.
- **Management page:** You could manage all of created video walls in this page. Select or switch your video source (Transmitter) for each created video wall, you could drag the transmitters and drop into video wall listed.
- **About page:** list publisher and UI version

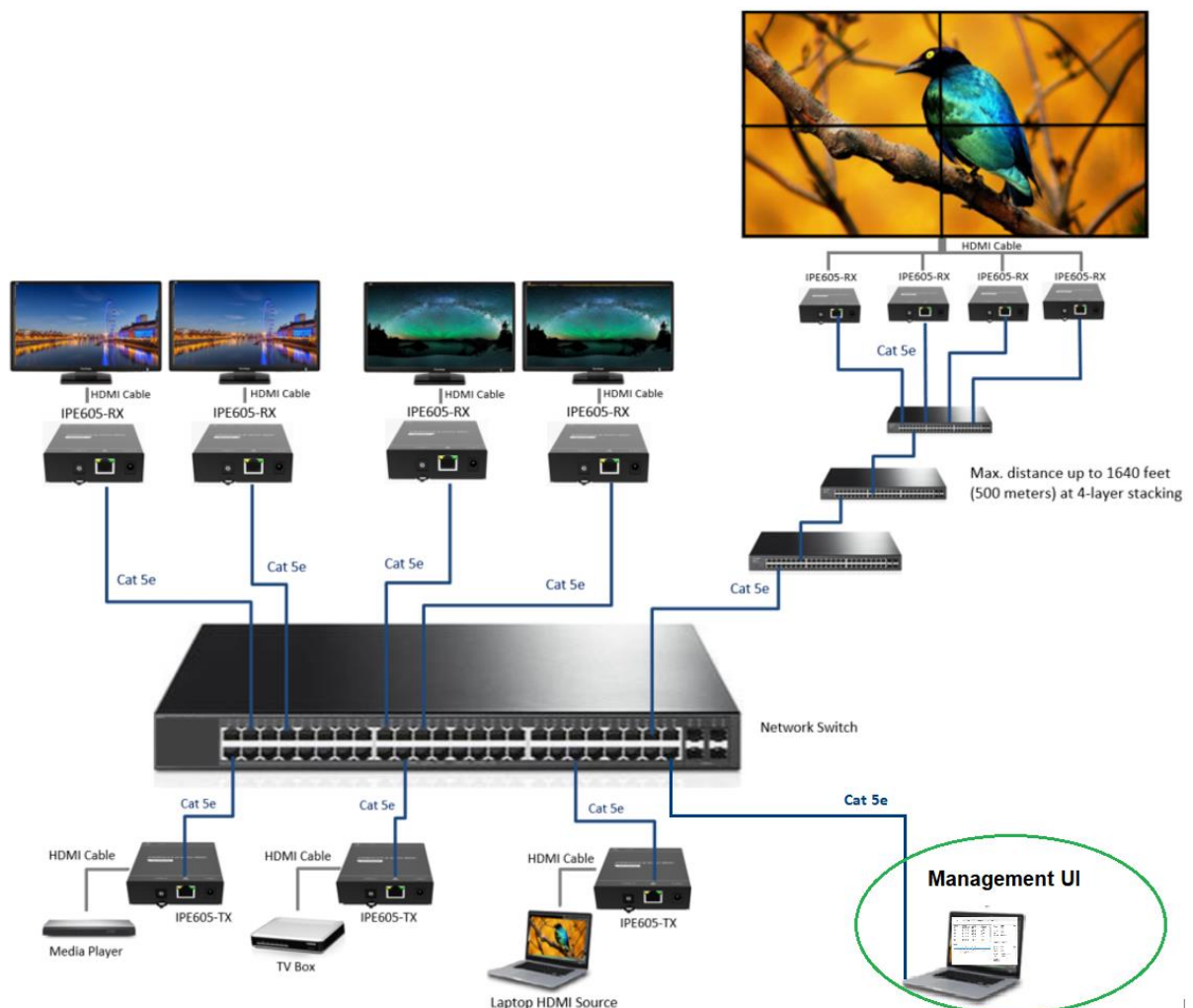
6. ADVANCE SET UP HDMI VIDEO WALL OVER IP EXTENDER- MANAGEMENT UI

For Point-to-multipoint and multipoint-to-multipoint setups, the friendly management UI for video wall that helps you easy to build video wall configuration and manage your video source for each created video wall configuration.

Connecting the **IPE605-TX** and **IPE605-RX** device LAN port via Cat5e/6 ethernet cable to the same local area network environment through a Router and/or Gigabit Ethernet hub. Ensure your computer that the **management UI** has been installed on is connected to the same local area network.

Notes:

Your Gigabit Ethernet hub must support IGMP snooping. Refer to your gigabit ethernet hub documentation to ensure IGMP snooping is supported and enabled.

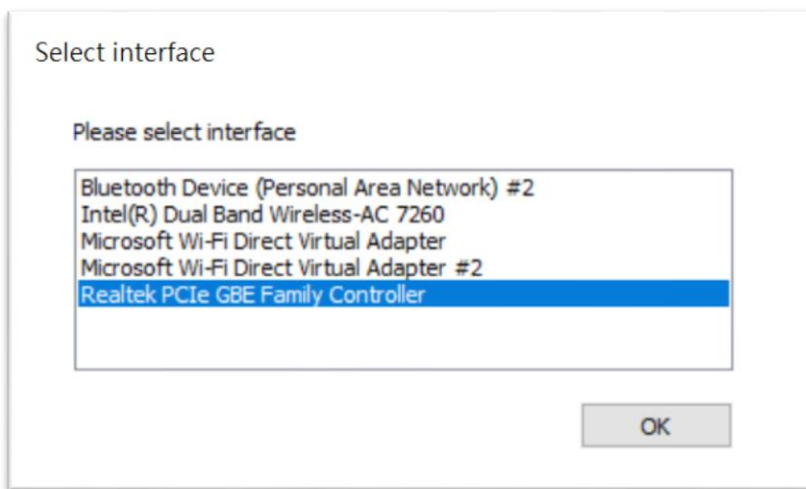


HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

Download the management UI from the website and will see an icon “MctHoIP.exe” in the folder of the Management UI.



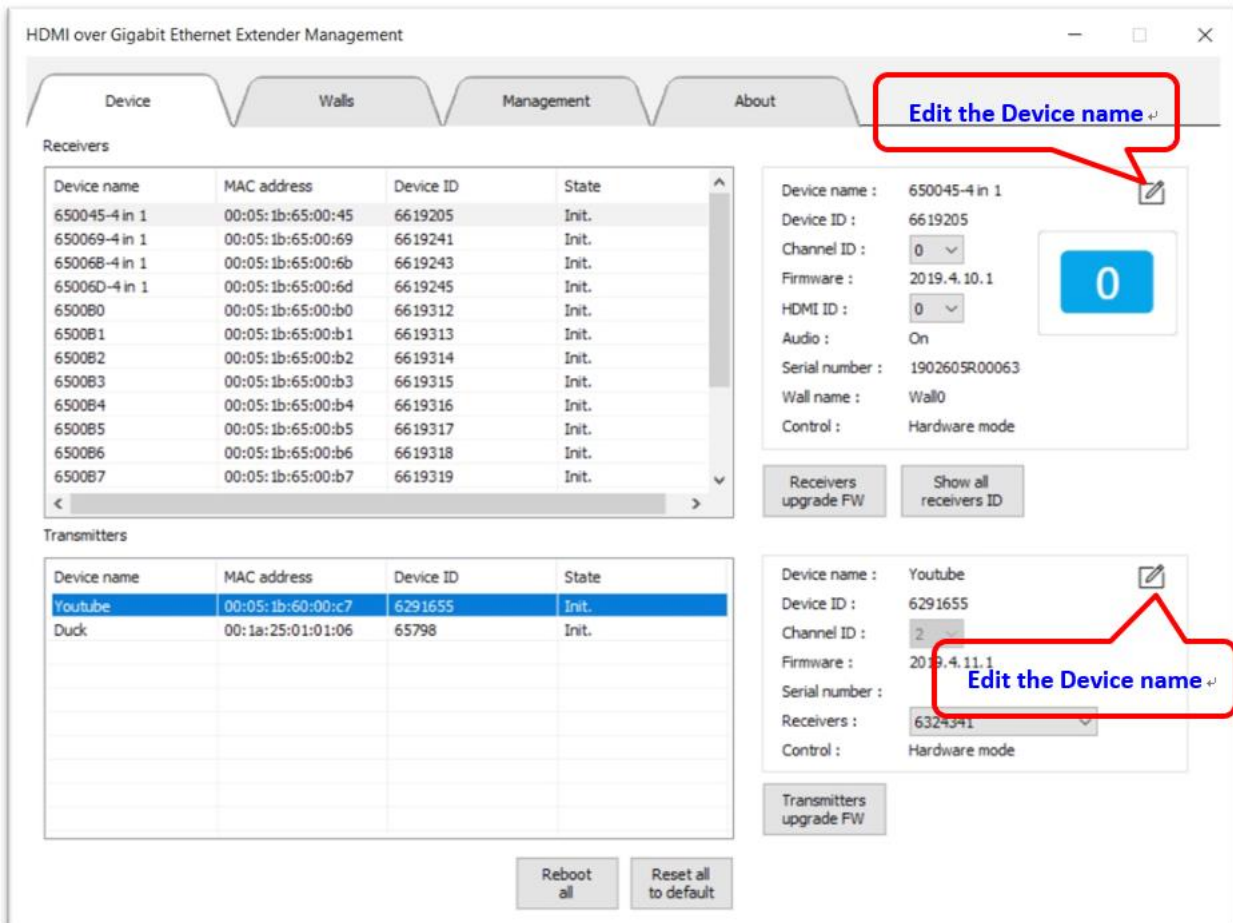
Once Launched, the “**MctHoIP.exe**” to set the variety of functions associated to the HDMI over Gigabit Ethernet Management. On “**Select interface**” window, to make sure which network interface device that is connected to the same local area network, then select this network device and click “OK” to continue.



7. MANAGEMENT UI - DEVICE PAGE

The page will display fully detailed **Device name**, **MAC address**, **Device ID** and **State** of all Receivers and Transmitters.

You could click the Edit icon  to edit **Device name** when select a Receiver or Transmitter device.



The screenshot displays the 'HDMI over Gigabit Ethernet Extender Management' interface. The 'Device' tab is selected, showing a list of Receivers and Transmitters. The 'Receivers' list includes columns for Device name, MAC address, Device ID, and State. The 'Transmitters' list also includes the same columns. On the right, there are configuration panels for selected devices. A red callout points to the 'Edit the Device name' link in the Receiver configuration panel. Another red callout points to the 'Edit the Device name' link in the Transmitter configuration panel.


Receivers

Device name	MAC address	Device ID	State
650045-4 in 1	00:05:1b:65:00:45	6619205	Init.
650069-4 in 1	00:05:1b:65:00:69	6619241	Init.
65006B-4 in 1	00:05:1b:65:00:6b	6619243	Init.
65006D-4 in 1	00:05:1b:65:00:6d	6619245	Init.
6500B0	00:05:1b:65:00:b0	6619312	Init.
6500B1	00:05:1b:65:00:b1	6619313	Init.
6500B2	00:05:1b:65:00:b2	6619314	Init.
6500B3	00:05:1b:65:00:b3	6619315	Init.
6500B4	00:05:1b:65:00:b4	6619316	Init.
6500B5	00:05:1b:65:00:b5	6619317	Init.
6500B6	00:05:1b:65:00:b6	6619318	Init.
6500B7	00:05:1b:65:00:b7	6619319	Init.

Transmitters

Device name	MAC address	Device ID	State
Youtube	00:05:1b:60:00:c7	6291655	Init.
Duck	00:1a:25:01:01:06	65798	Init.

Receiver Configuration Panel (Selected: 650045-4 in 1)

Device name : 650045-4 in 1 

Device ID : 6619205

Channel ID : 0

Firmware : 2019.4.10.1

HDMI ID : 0

Audio : On


Serial number : 1902605R00063

Wall name : Wall0

Control : Hardware mode

Buttons: Receivers upgrade FW, Show all receivers ID

Transmitter Configuration Panel (Selected: Youtube)

Device name : Youtube 

Device ID : 6291655

Channel ID : 2

Firmware : 2019.4.11.1

Serial number : 6324341

Receivers : 6324341

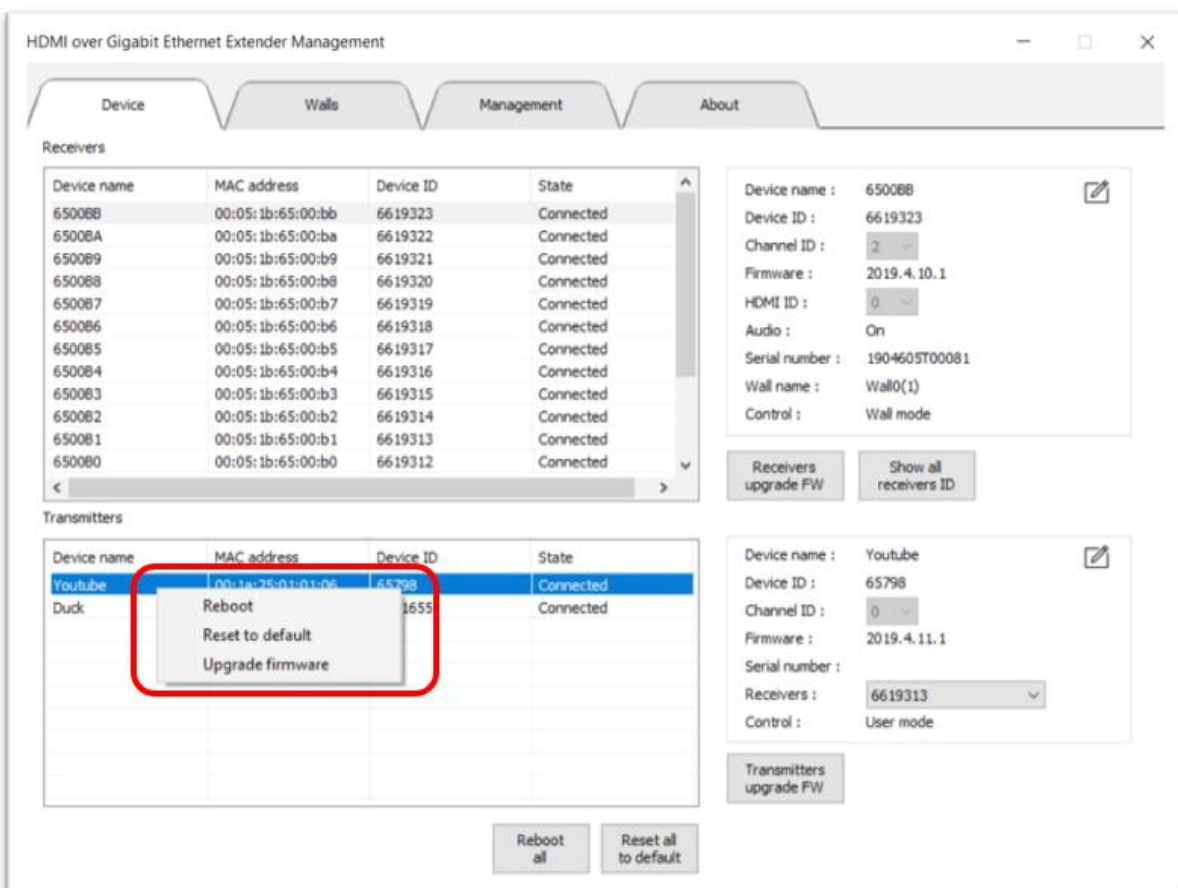
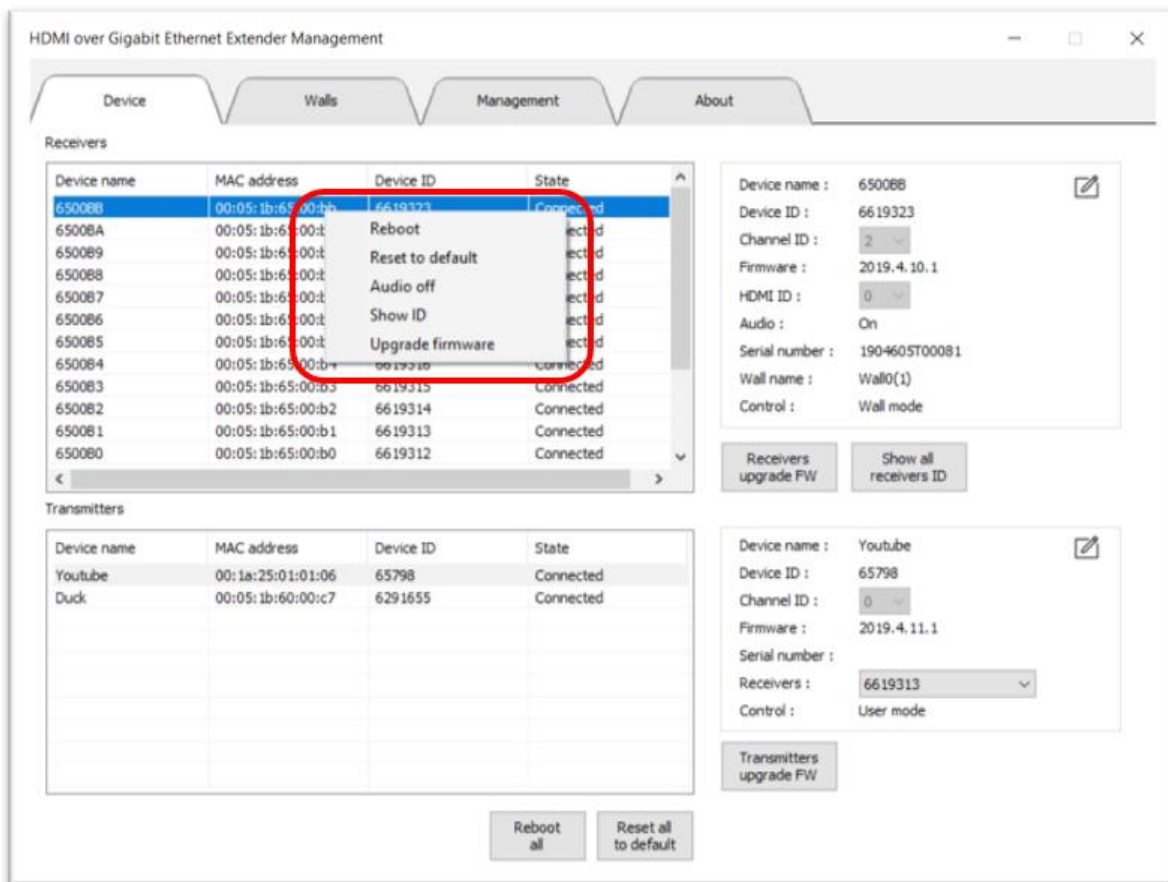
Control : Hardware mode

Buttons: Transmitters upgrade FW

Global Buttons: Reboot all, Reset all to default

HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

On the selected Receiver or Transmitter, click the right mouse button and “Device setting” menu will pop up. There are some features “Reboot”, “Reset to default”, “Audio On/Off”, “Show ID” and “Upgrade firmware” on the menu.



“Reboot”:

the selected device will reboot.

“Reset to default”:

the selected device will restore to the default factory setting.

“Audio On/Off”:

set the selected device HDMI digital audio output **ON** or **OFF**, the default setting for HDMI digital audio output is **“ON”**.

“Show ID”:

the selected device will show the information on the connected display.

“Upgrade firmware”:

download the latest firmware from the support website at <http://www.mct.com.tw>. When the upgrade process is complete, the device will reboot.

Receivers
upgrade FW

All of the **Receiver** devices will be upgrade firmware. Download the latest firmware from the support website at <http://www.mct.com.tw>. When the upgrade process is complete, all of the **Receiver** devices will reboot.

Transmitters
upgrade FW

All of the **Transmitter** devices will be upgrade firmware. Download the latest firmware from the support website at <http://www.mct.com.tw>. When the upgrade process is complete, all of the **Transmitter** devices will reboot.

Show all
receivers ID

All of the **Receiver** devices will show the information on the connected display.

Reboot
all

All of the **Receiver** and **Transmitter** devices will reboot when you choose this function.

Reset all
to default

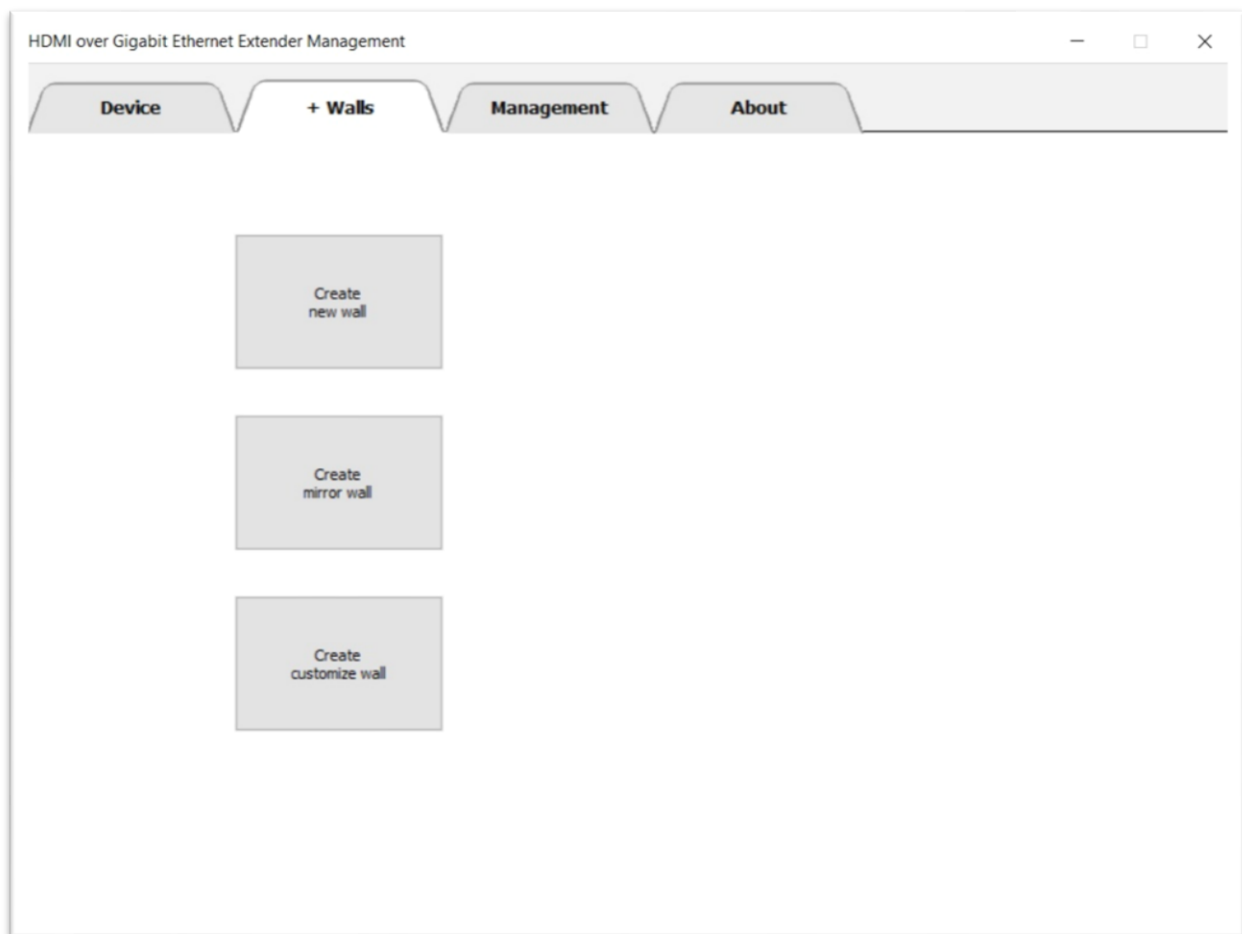
All of the **Receiver** and **Transmitter** devices will restore to the default factory settings

8. MANAGEMENT UI – WALLS PAGE

The Management UI provides three video wall types for easy creation of video walls.

- **“Create new video wall”** for easy matrix setup 1x1, 1x4, 2x2, 3x3 ... 5x5 video wall
- **“Create mirror wall”** Quickly set up many remote receivers while receiving one single transmitter video source.
- **“Create customize wall”** Quickly set up a customized video wall, you can choose the same size or a different one of monitors to created a video wall. You can put the monitors at any position on the video wall for artistic video wall.


Please select a type of wall creation

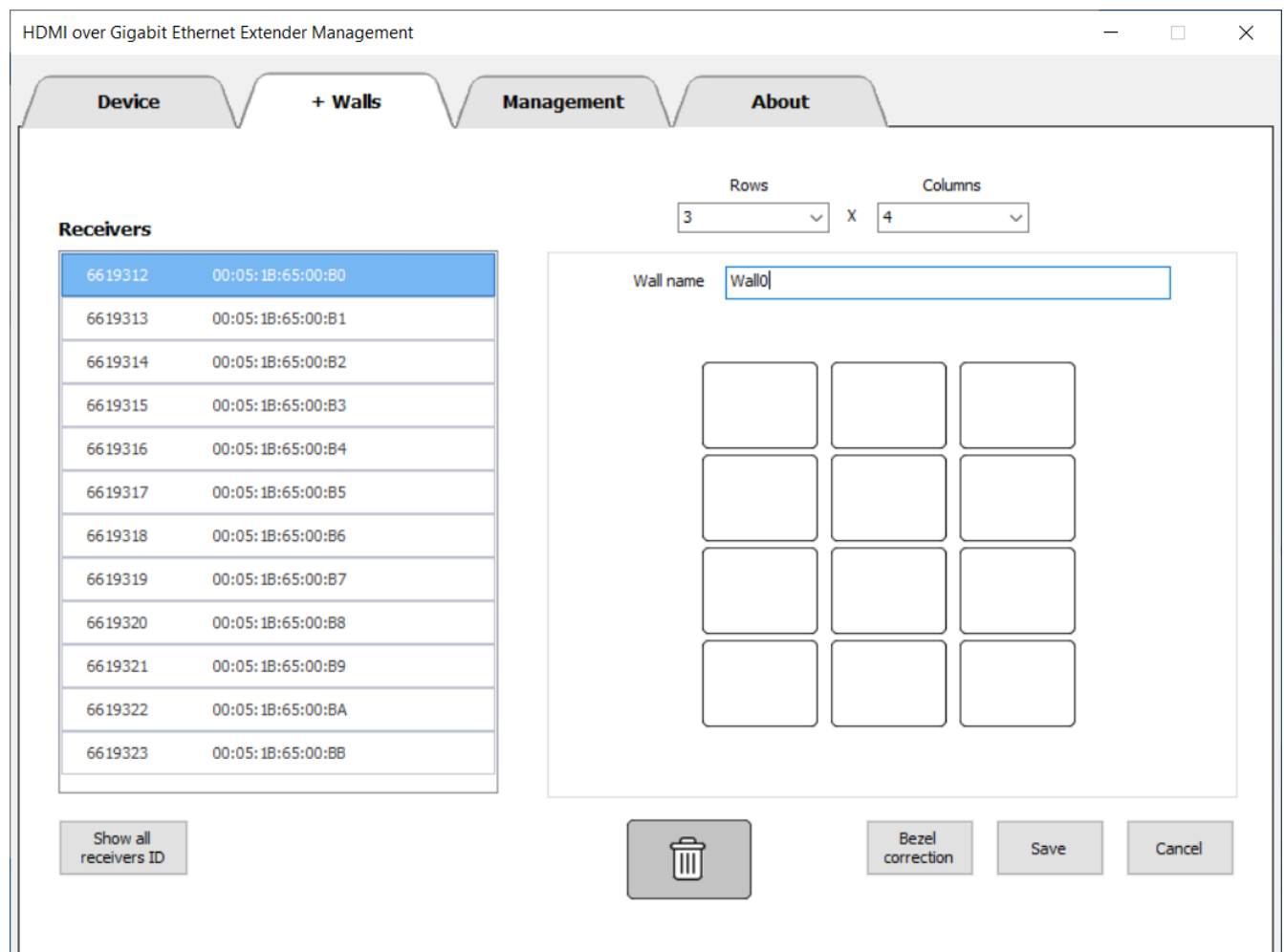


8.1. CREATE NEW VIDEO WALL

Select “**Create new wall**” in “**Walls**” page for easy matrix setup 1x1, 1x4, 2x2, 3x3 ... 5x5 video wall.

Please follow the steps to create a new video wall

1. Select the number of “**Rows**” and “**Columns**”
2. Edit Wall name. a Wall Name will be listed by default, once you type a new name the default name will be overwritten.
3. Click “**Show all receivers ID**”
you can easily identify the display is connected to which receiver.
4. **Set the position of every Display**
every display will show receivers ID. According to **Receiver** ID on the screen, you can drag the **receiver** devices from the list and drop to corresponds with the proper location within your video wall configuration.
Unassigned one receiver from the video wall configuration, you can drag the receiver device from video wall configuration and drop to .
5. Click “**Bezel correction**”
adjust the width of Right side, Left side, Top side, and Bottom side.
6. “**Save**”. The created video wall configuration will be listed in “**Management**” page.




The screenshot displays the 'HDMI over Gigabit Ethernet Extender Management' application window. The 'Walls' tab is active, showing a configuration interface for a new video wall. On the left, a table lists 13 receivers with their IDs and MAC addresses. The main area shows a 3x4 grid configuration with a wall name 'Wall0'. At the bottom, there are buttons for 'Show all receivers ID', a trash icon, 'Bezel correction', 'Save', and 'Cancel'.

Receivers	
6619312	00:05:1B:65:00:B0
6619313	00:05:1B:65:00:B1
6619314	00:05:1B:65:00:B2
6619315	00:05:1B:65:00:B3
6619316	00:05:1B:65:00:B4
6619317	00:05:1B:65:00:B5
6619318	00:05:1B:65:00:B6
6619319	00:05:1B:65:00:B7
6619320	00:05:1B:65:00:B8
6619321	00:05:1B:65:00:B9
6619322	00:05:1B:65:00:BA
6619323	00:05:1B:65:00:BB

Rows: 3 x Columns: 4

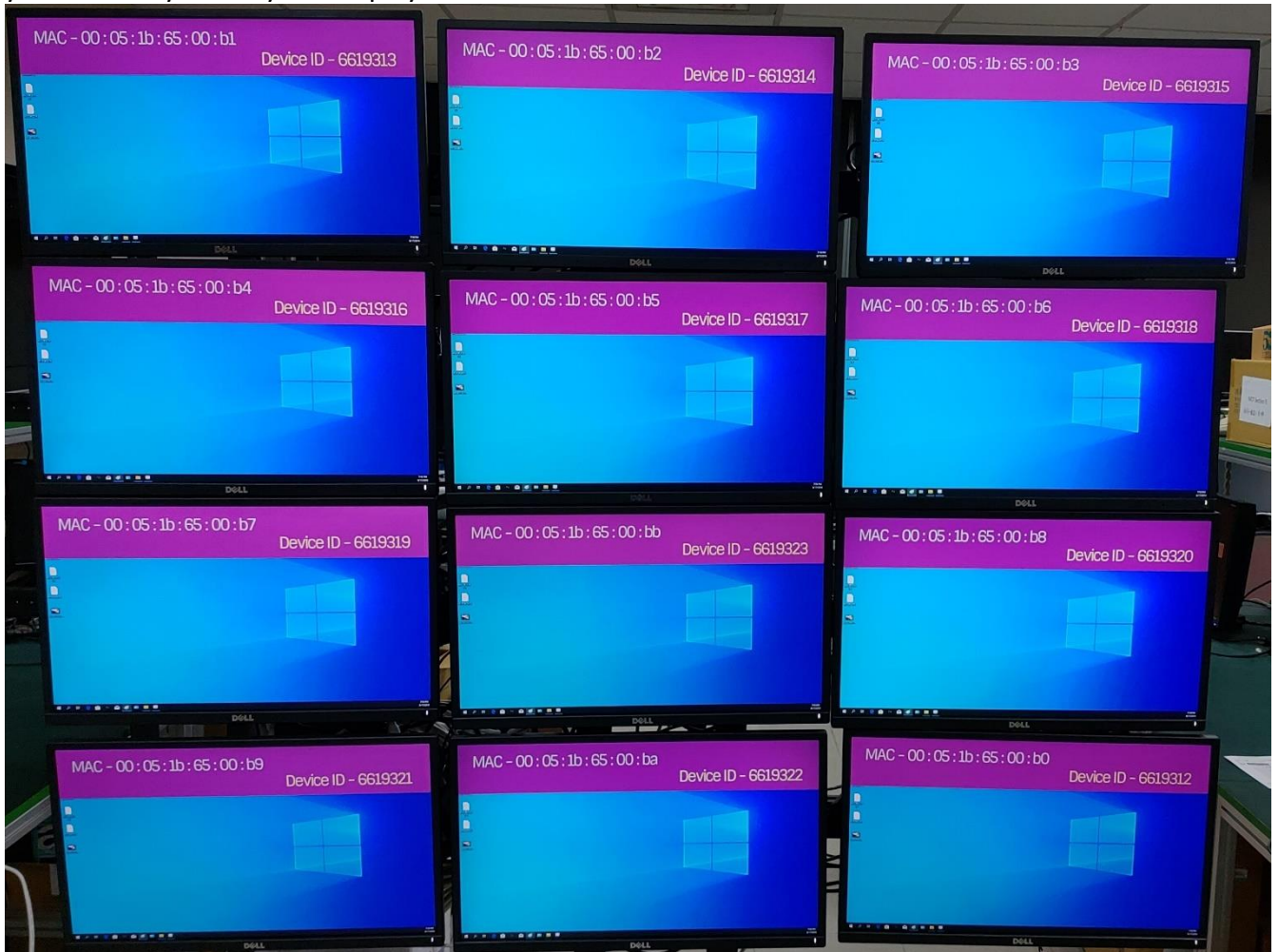
Wall name: Wall0

Buttons: Show all receivers ID, , Bezel correction, Save, Cancel

HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

Click **“Show all receivers ID”**


you can easily identify the display is connected to which receiver.

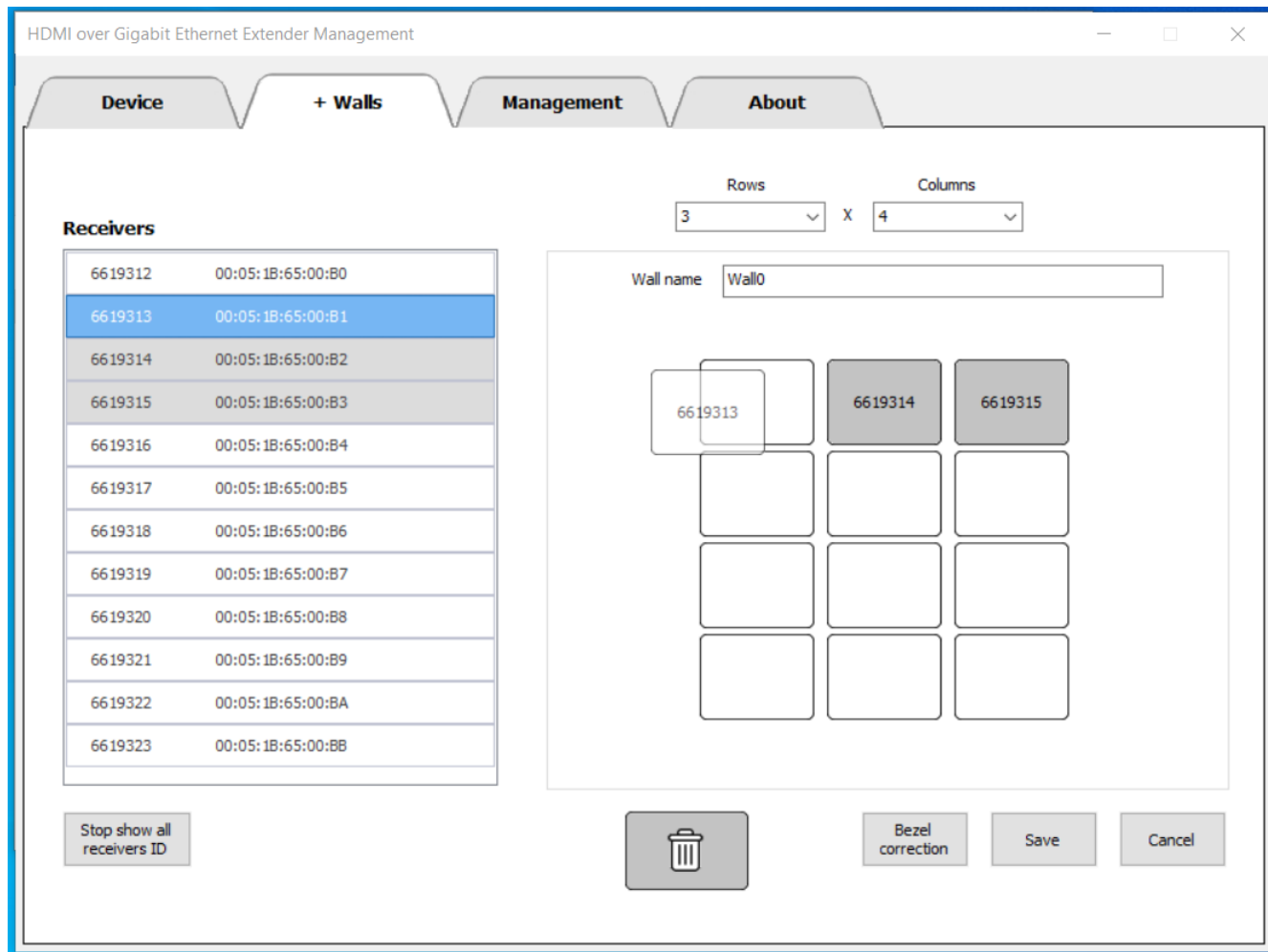


HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

SET THE POSITION OF EVERY DISPLAY

Click **"Show all receivers ID"**, every display screen will show receivers ID. You could refer receivers ID to drag the **receiver** devices from the list and drop to corresponds with the proper location within your video wall configuration.

Unassigned one receiver from the video wall configuration, you can drag the receiver device from video wall configuration and drop to .



The screenshot displays the 'HDMI over Gigabit Ethernet Extender Management' application window. The 'Walls' tab is active, showing a configuration for a video wall. On the left, a table lists available receivers. On the right, a 3x4 grid represents the video wall layout. The grid is titled 'Wall0'. The first row of the grid contains three receivers: 6619313, 6619314, and 6619315. The remaining cells in the grid are empty. At the bottom of the interface, there are buttons for 'Stop show all receivers ID', a trash icon, 'Bezel correction', 'Save', and 'Cancel'.


Receivers	
6619312	00:05:1B:65:00:B0
6619313	00:05:1B:65:00:B1
6619314	00:05:1B:65:00:B2
6619315	00:05:1B:65:00:B3
6619316	00:05:1B:65:00:B4
6619317	00:05:1B:65:00:B5
6619318	00:05:1B:65:00:B6
6619319	00:05:1B:65:00:B7
6619320	00:05:1B:65:00:B8
6619321	00:05:1B:65:00:B9
6619322	00:05:1B:65:00:BA
6619323	00:05:1B:65:00:BB

Rows: 3 X Columns: 4

Wall name: Wall0

Grid layout (3 rows x 4 columns):

- Row 1: 6619313, 6619314, 6619315, (empty)
- Row 2: (empty), (empty), (empty), (empty)
- Row 3: (empty), (empty), (empty), (empty)

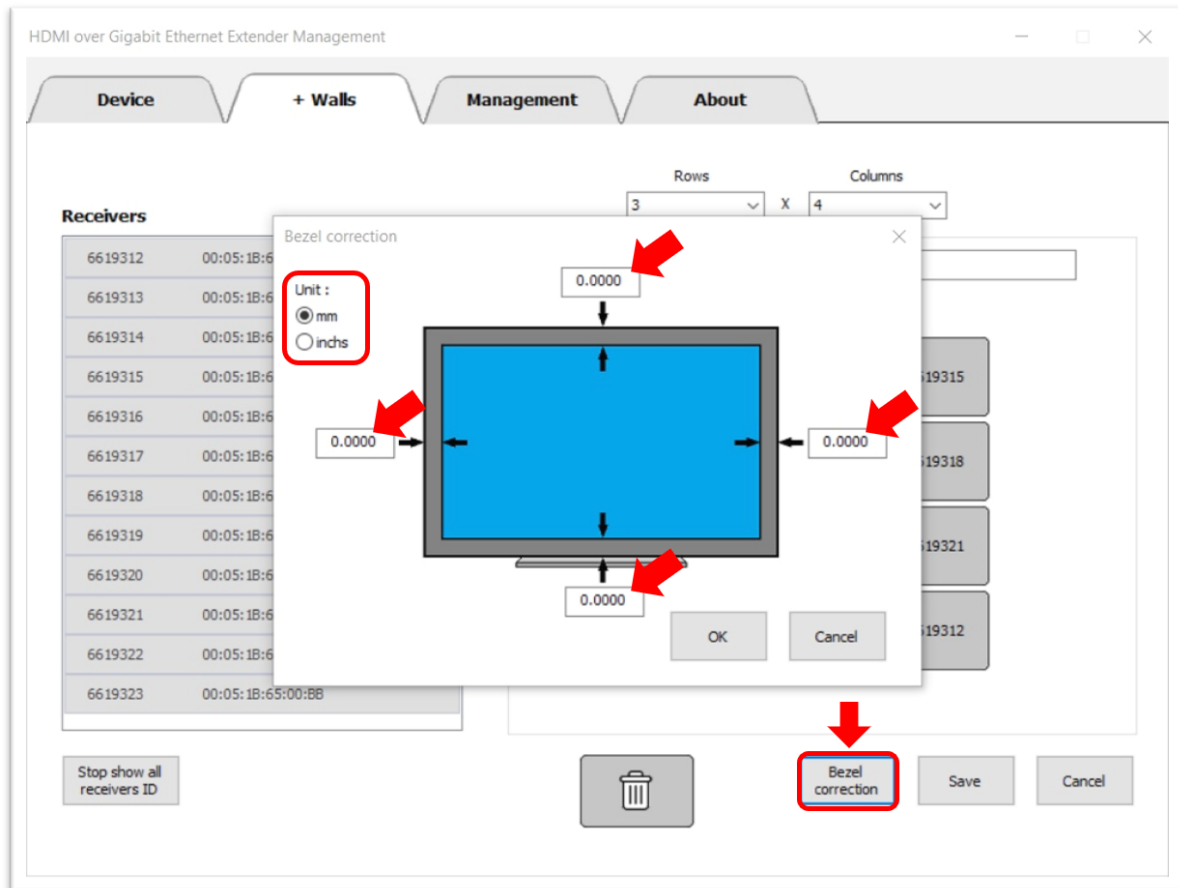
Buttons: Stop show all receivers ID, , Bezel correction, Save, Cancel

HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

BEZEL CORRECTION

If the displays in your video wall configuration have large bezels, seamless look by specifying the bezel compensation. The bezel correction can compensate for this effect by cutting out the video “behind” the bezel, causing a round object to actually appear round. Click **“Bezel correction”** to open the setting window.

On the **“Bezel correction”** windows, select “mm” or “inches” measurements unit, adjust the width of Right side, Left side, Top side, and Bottom side then click **“OK”** save the value.

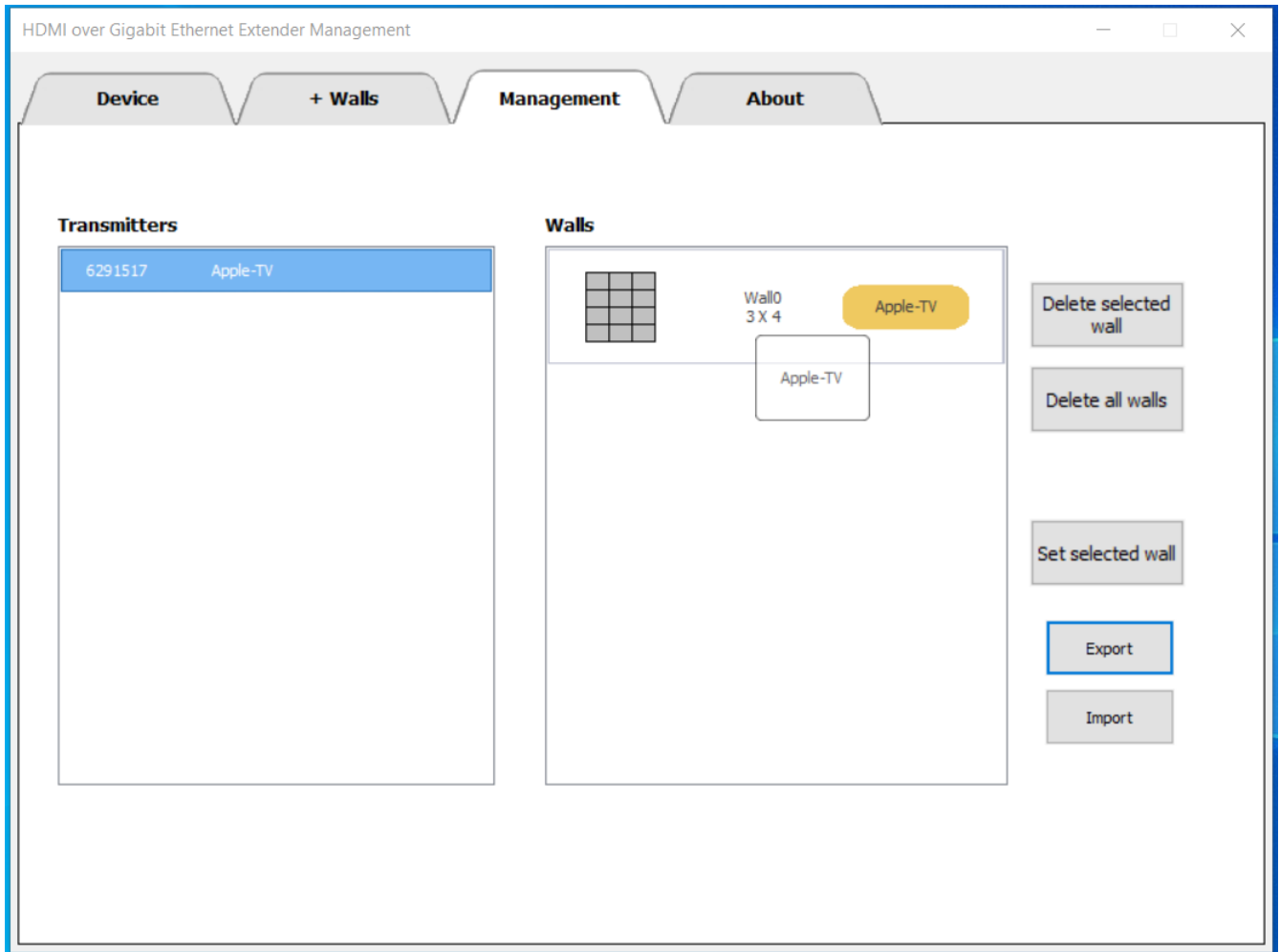


HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

“Save”. The create video wall configuration **“Wall0 3x4”** will be listed in **“Management”** page.

You can select or switch your video source (Transmitter) for each created video wall configuration.





You can drag the Transmitters from the listed and drop to each created video walls configuration.

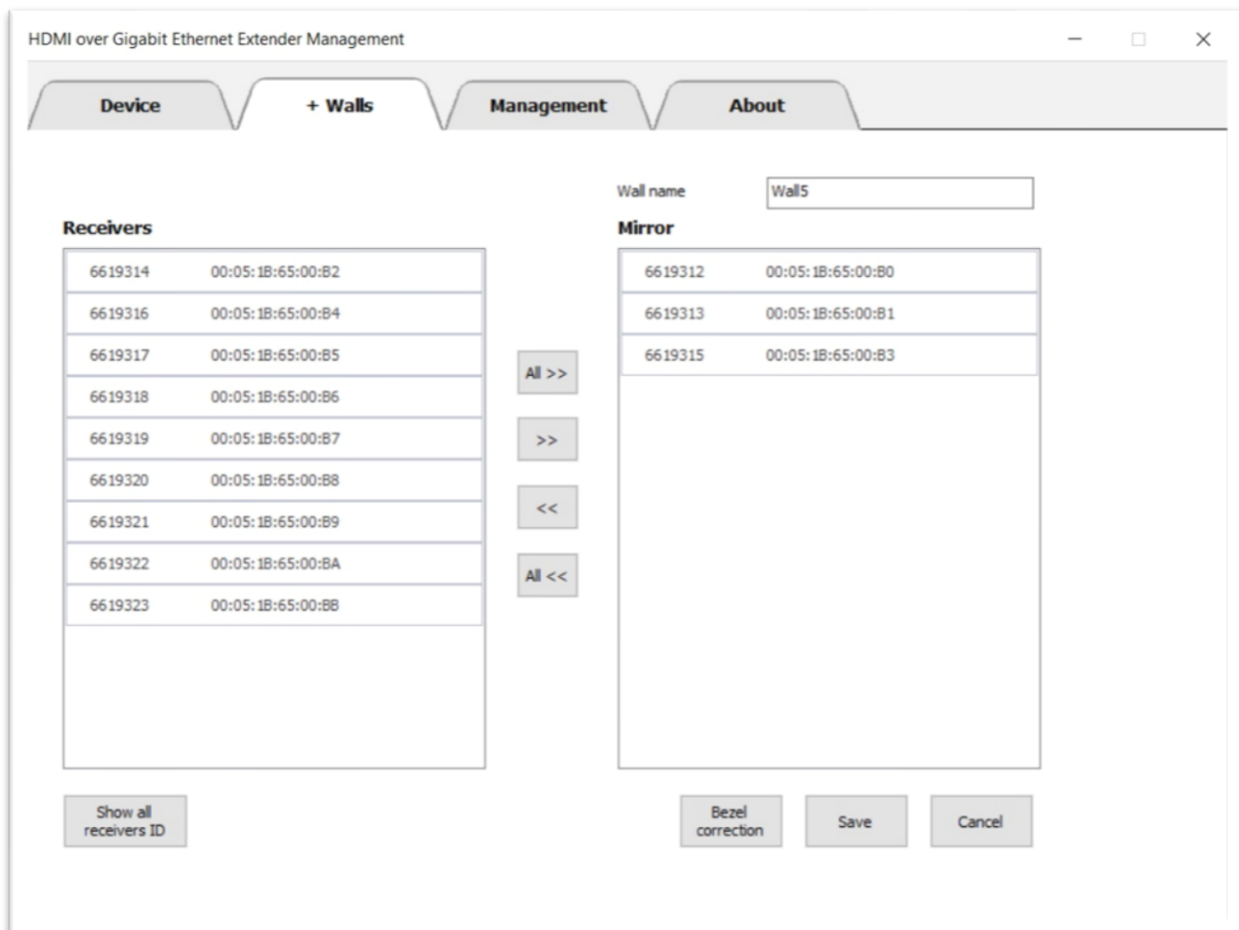


8.2. CREATE ALL MIRROR WALL

Select “**Create mirror wall**” in “**Walls**” page for quickly set up many remote receivers while receiving a single transmitter source video.

Please follow the steps to create a new mirror wall

1. Edit Wall name.
2. Click “**Show all receivers ID**”
you can easily identify which display is connected to each receiver.
3. Every display screen will show receivers ID. You could refer receivers ID to select receivers and click  or  move them to Mirror list. You can also click  or  remove them from Mirror list.
4. Click “**Bezel correction**”
select “Unit”, adjust the width of Right side, Left side, Top side, and Bottom side.
5. **Save**. The created video wall configuration will be listed in “**Management**” page.







HDMI over Gigabit Ethernet Extender Management

Device + Walls Management About

Wall name: Wall5



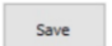
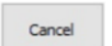
Receivers

6619314	00:05:1B:65:00:B2
6619316	00:05:1B:65:00:B4
6619317	00:05:1B:65:00:B5
6619318	00:05:1B:65:00:B6
6619319	00:05:1B:65:00:B7
6619320	00:05:1B:65:00:B8
6619321	00:05:1B:65:00:B9
6619322	00:05:1B:65:00:BA
6619323	00:05:1B:65:00:BB

Mirror

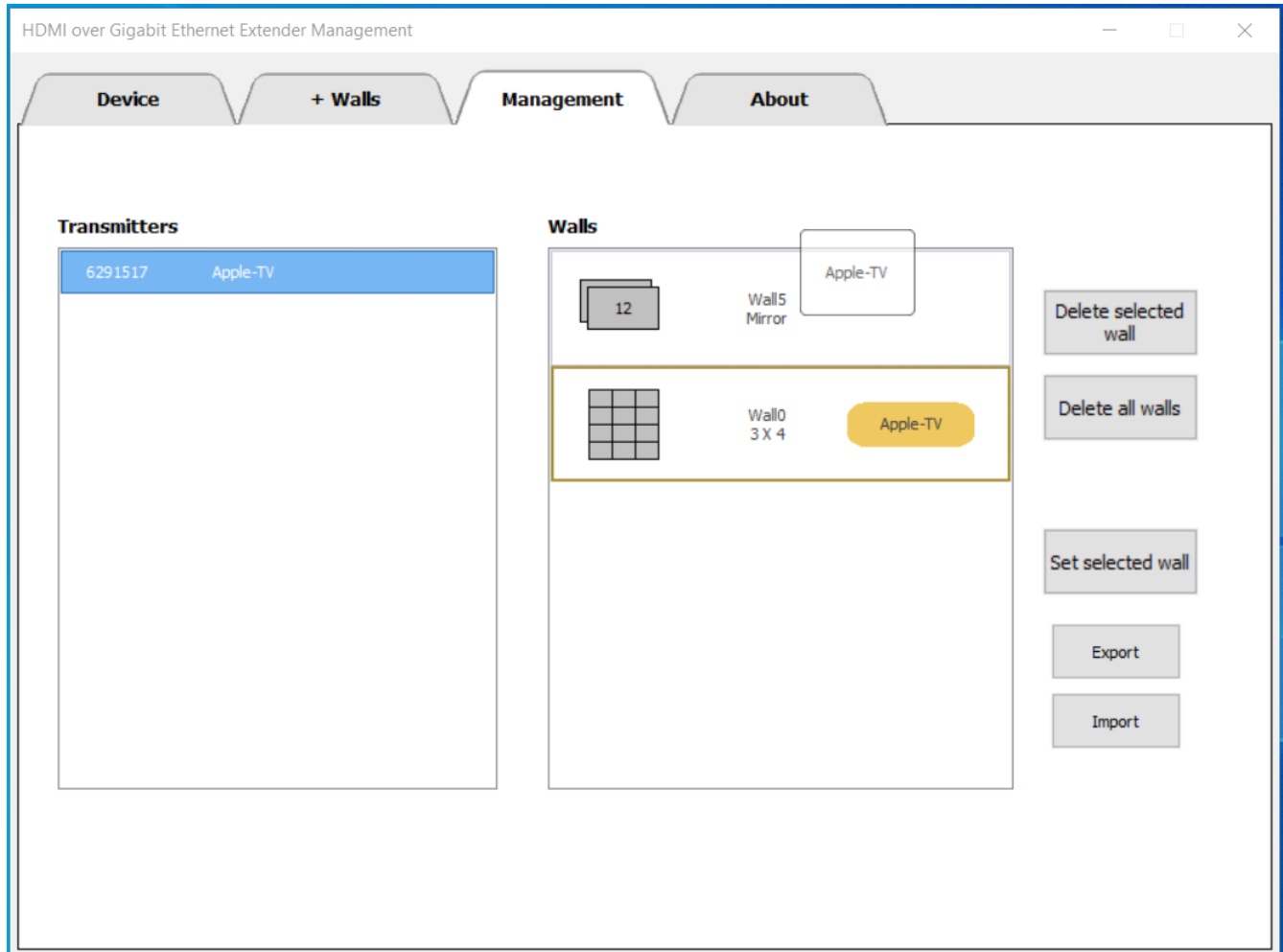
6619312	00:05:1B:65:00:B0
6619313	00:05:1B:65:00:B1
6619315	00:05:1B:65:00:B3

“Save” your wall. The create video wall configuration **“Wall5 Mirror”** will be listed in **“Management”** page.

You can select or switch your video source (Transmitter) for each created video wall configuration.

You can drag the Transmitters from the listed and drop to each created video walls configuration.



HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

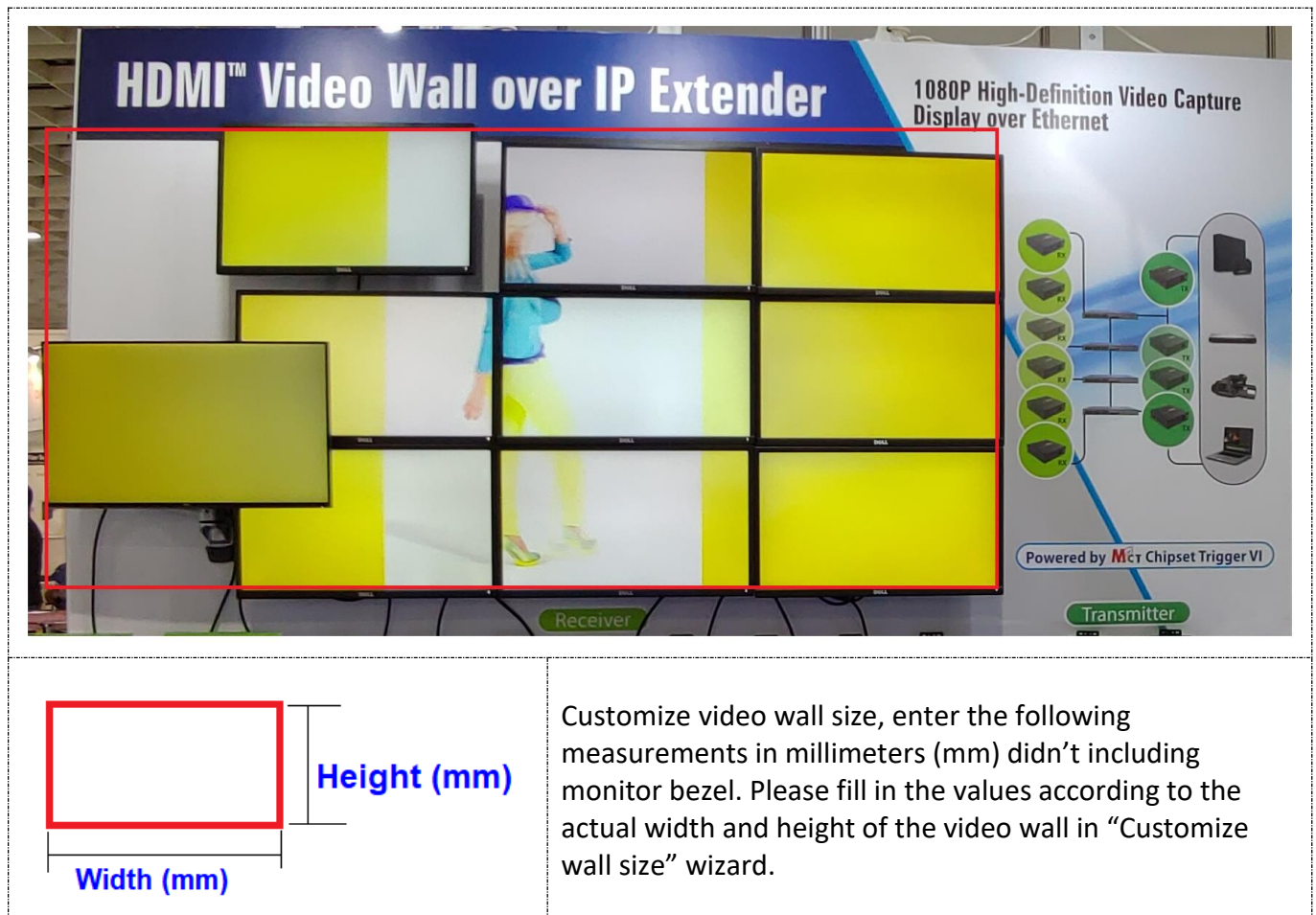
All of remote receivers while receiving a single transmitter source video



8.3. CREATE CUSTOMIZE VIDEO WALL

Select “Create customize wall” in “Walls” page for quickly set up a customized video wall, you can use same size or different size of monitor to create a video wall and put the monitor on the video wall any position for artistic video wall.

For exsample: If you want create a customize video wall as below



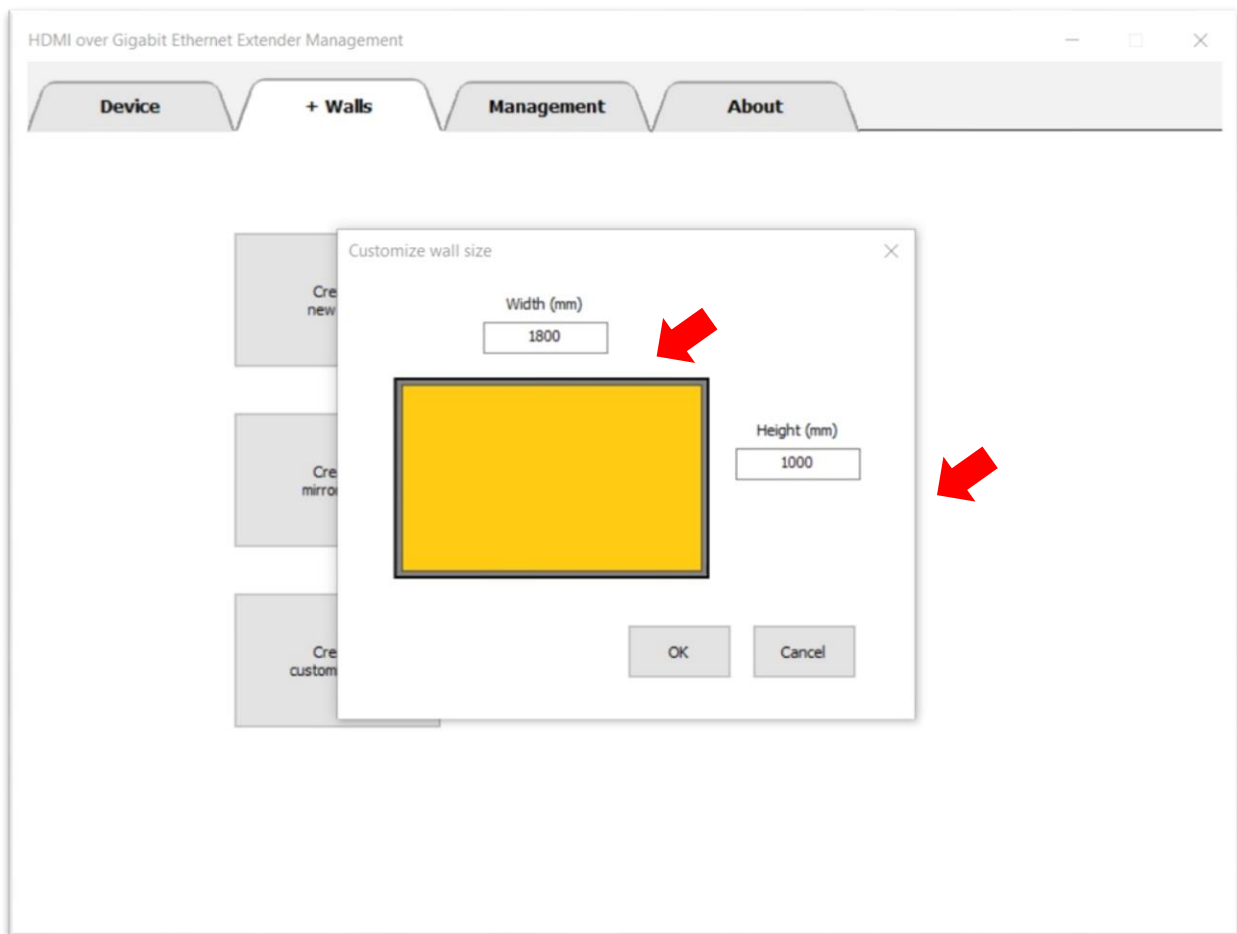
Please follow the steps to create a new customize wall

1. Fill in the values according to the actual width and height of the wall.
2. Edit Wall name.
3. Click “**Show all receivers ID**”
you can easily identify which display is connected to each receiver.
4. **Set the position of every Display**
every display screen will show receivers ID. You could refer receivers ID to drag the **receiver** devices from the list and drop to corresponds with the proper location within your video wall configuration. These screen positions can be located by inputting the x, y coordinates of their upper left corner. The width and height of each screen need to be confirmed and inputted.
5. “**Save**” your wall. The created video wall configuration will be listed in “**Management**” page.

HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

FILL IN THE VALUES ACCORDING TO THE ACTUAL WIDTH AND HEIGHT OF THE WALL


Customize video wall size, enter the following measurements in millimeters (mm) didn't including monitor bezel. Please fill in the values according to the actual width (mm) and height (mm) of the video wall, then click "OK" to next.

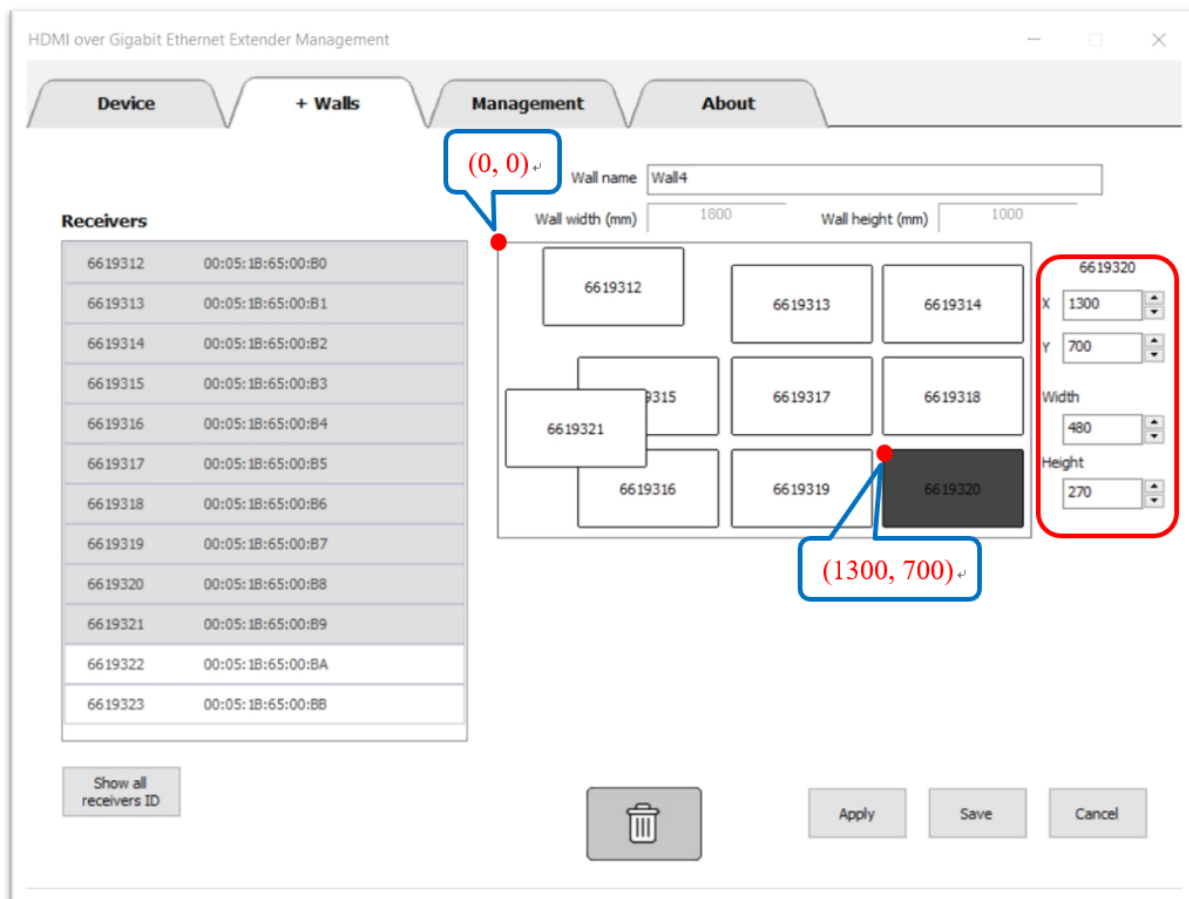


HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

SET THE POSITION OF EVERY DISPLAY

Click **"Show all receivers ID"**, every display screen will show receivers ID. You could refer receivers ID to drag the **receiver** devices from the list and drop to corresponds with the proper location within your video wall configuration. These screen positions can be located by inputting the x, y (mm) coordinates of their upper left corner. The width and height of each screen need to be confirmed and inputted.

Unassigned one receiver from the video wall configuration, you can drag the receiver device from video wall configuration and drop to .



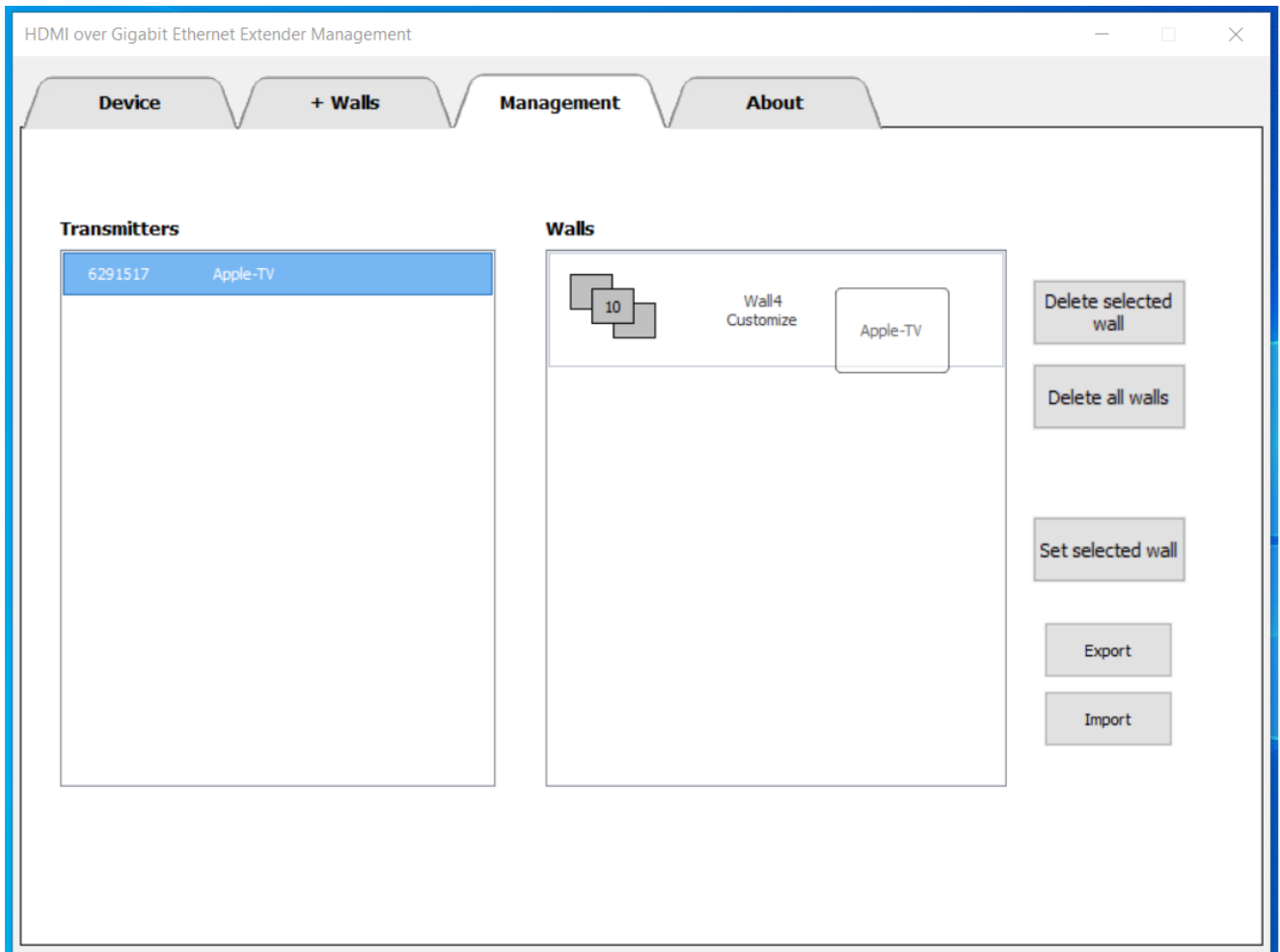
HDMI VIDEO WALL OVER IP EXTENDER USER MANUAL

Please click **“Save”** to create a customize video wall.

The created video wall configuration **“wall4 Customize”** will be listed in **“Management”** page.

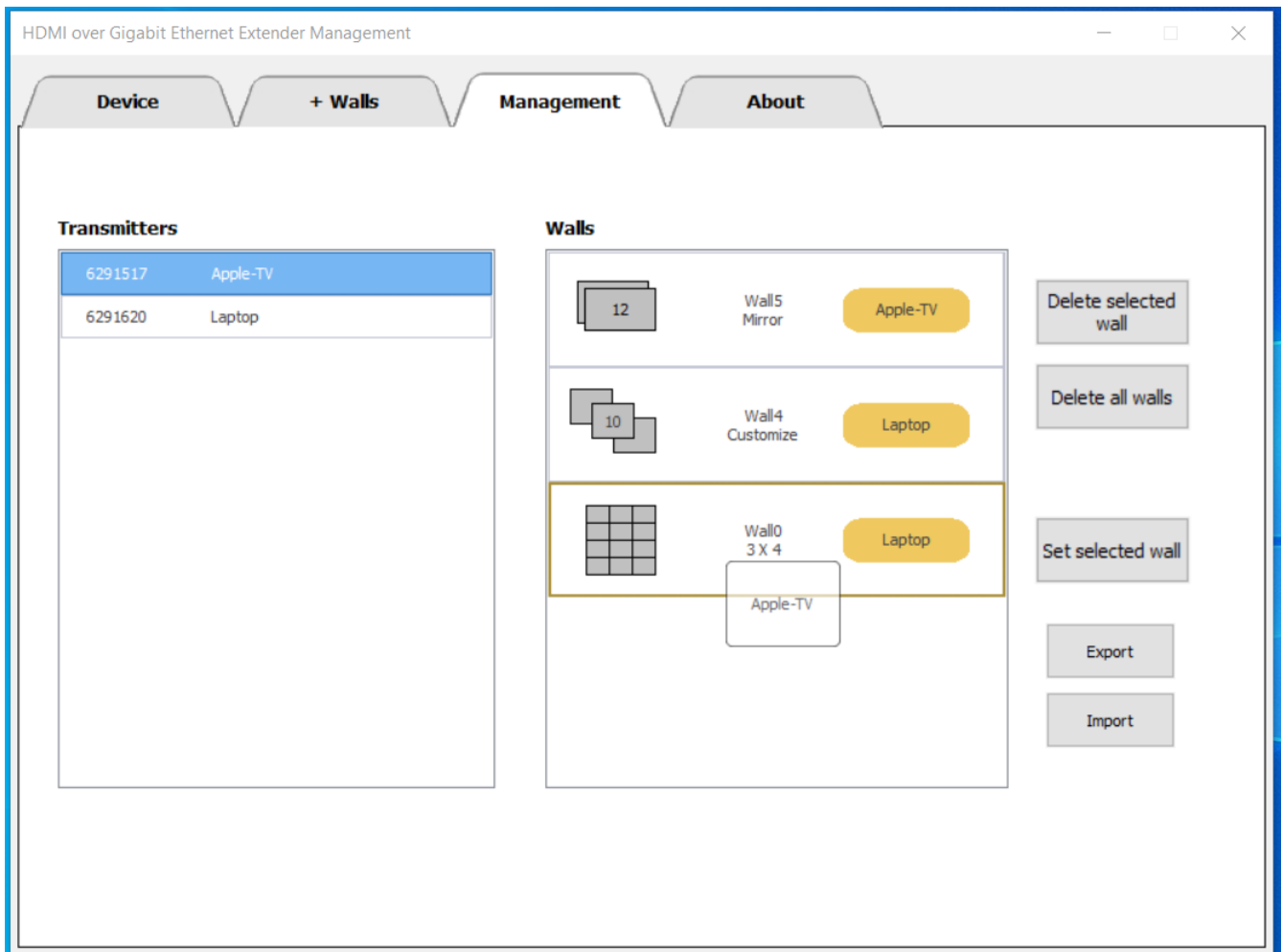
You can select or switch your video source (Transmitter) for each created video wall configuration.

You can drag the Transmitters from the listed and drop to each created video walls configuration.



9. MANAGEMENT UI – MANAGEMENT PAGE

You can select or switch your video source (Transmitter) for each created video wall configuration.
You can drag the Transmitters from the listed and drop to each created video walls configuration.



Adjust or edit video walls configuration: You can adjust or edit for each video walls configuration by double click each video walls configuration.

Delete a video wall configuration: You can delete a video wall configuration by clicking select a video wall next press **“Delete Selected wall”** button.

Delete all of video wall configuration: be careful! All of your video wall configuration settings will be deleted, when you select **“Delete all walls”** button.

Export all video walls configuration: To save the current video wall configuration settings, click **“Export all video walls configuration”**, navigate to the folder where you intend to save the file.

Import video walls configuration: To restore from a saved video wall configuration settings file, click **“Import video walls configuration”** to locate your file, then click OK.

10. ABOUT PAGE

To check the current driver version.

