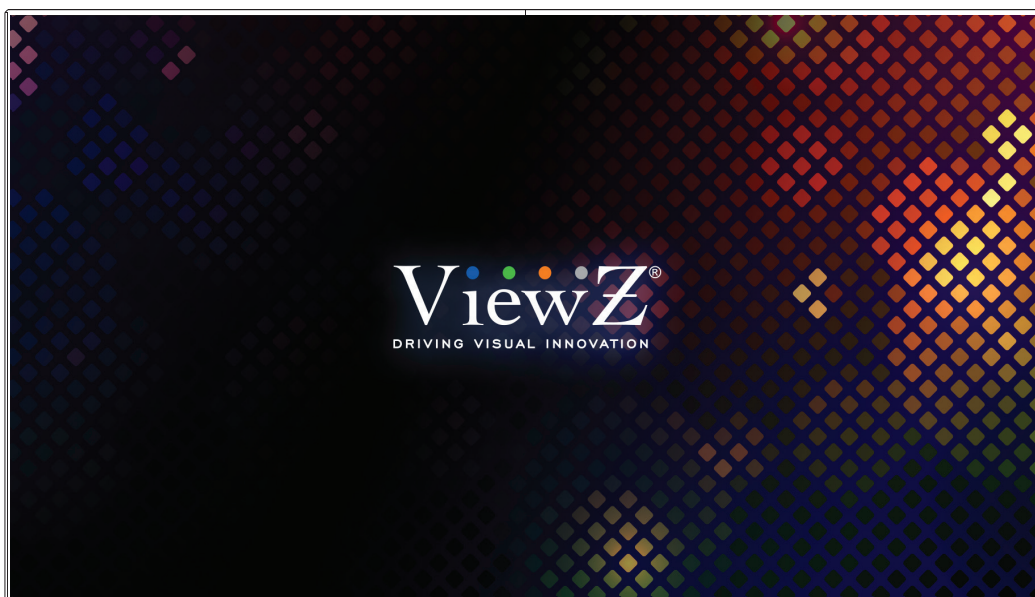


VZ-UNBS SERIES

49" and 55" PROFESSIONAL

LED CCTV VIDEO WALL MONITOR **USER MANUAL**



ViewZ[®]
www.viewzusa.com

Please read this manual thoroughly before use, and keep it handy for future reference.

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SAFETY INSTRUCTIONS

Important Safety Instructions

1. **Read all warnings.**
2. Follow all instructions to ensure longevity of monitor.
3. Do not place the monitor near water.
4. Clean only with dry cloth.
5. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
6. Do not install near any heat sources such as radiators, heat registers, stoves, or other heat generating devices.
7. Do not override the safety purpose of the polarized or grounding-type plug.
8. A polarized plug has two blades with one wider than the other.
9. A grounding type plug has two blades and a third grounding prong.
10. The wide blade or the third prong is provided for your safety.
11. If the provided plug does not fit into your outlet, consult with electrician for replacement of the outlet.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where it connects to the monitor.
13. Only use attachment/accessories specified by the manufacturer.
14. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the monitor. When a cart is used, use caution when moving the cart & monitor in combination to avoid injuries.
15. Unplug the monitor during lightning storms or when unused for long periods of time.
16. Refer all servicing to qualified service personnel. Servicing is required when the monitor has been damaged in any way.



The monitor shall not be exposed to dripping or splashing and objects containing liquids such as vases shall be placed near the monitor.

The monitor should have ample distance (e.g. 10cm) from the wall for sufficient ventilation.

SAFETY INSTRUCTIONS

Important Safety Instructions

Mark Indication and Substance



CAUTION : TO REDUCE THE RISK OF ELECTRICAL SHOCK,
DO NOT REMOVE COVER (OR BACK). NO USER
SERVICEABLE PARTS INSIDE. REFER SERVICING TO
QUALIFIED SERVICE PERSONNEL



This symbol is intended to alert the user to the presence of uninsulated & dangerous voltage within the monitor's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the monitor.

Warning

- Do not use damaged or loose cables and plug.
- Do not pull the plug out by the wire nor touch the plug with wet hands.
- Use only a properly grounded plug and receptacle.
- Do not connect too many extension cords or plugs to one outlet.
- Do not excessively bend the plug and wire.
- Do not disconnect the power cord while it's still plugged into the monitor.
- Do not place any heavy objects on the power cord. Damage to the cord may cause shock or fire.
- Never open the monitor. There are no user-serviceable parts inside and opening will void warranty.
- Removing covers may expose you to dangerous shock hazards or other risks.
- Keep any heating devices away from the power cable and monitor.
- Do not place the monitor near water.
- Do not insert objects of any kind into the monitor's open slots, as they may touch dangerous voltage points.
- Please follow the laws and regulations of your municipality to dispose the monitor properly.
- Do not use the monitor in high temperature, humid, dusty or oily areas.
- Do not install the monitor where it will be exposed to continual vibration.
- Keep the plastic packaging out of children's reach.
- If any damage is detected upon first opening the box, contact agency from which you bought the monitor directly.
- If your monitor does not operate normally – in particular, if there is any unusual sound or smell coming from the monitor – unplug it immediately and contact an authorized dealer or the service center.

SAFETY INSTRUCTIONS

Important Safety Instructions

Caution

- If the connector between the plug and the pin is dusty or dirty, clean it properly using a dry cloth.
- Make sure to unplug the power cord before cleaning the monitor.
- Make sure to leave a gap between monitor and wall.
- Do not drop the monitor when moving it.
- Place your monitor in a location with low humidity and minimal dust.
- Install the monitor base on a showcase or shelf so that the end of the base does not protrude from the showcase or shelf.
- Do not place the monitor on an unstable or small surface area.
- Do not install inside a vehicle.
- Disconnect the plug from the outlet during storms or lightning or if it has not been used for a long time.
- Do not try to move the monitor by pulling on the power cord.
- Do not cover the vents on the monitor.
- When moving the monitor, turn off and unplug the power cord. Make sure that all cables, including HDMI cable and cables connected to other devices, are disconnected before moving it.
- Place the monitor out of children's reach as they could damage it by hanging onto it.

Available Temperature & Humidity

- Operating Temperature : 14°F ~ 149°F / -10°C ~ 65°C
- Operating Humidity : 5 ~ 95% RH

Dot Defect (dead pixel) of TFT

ViewZ monitors are manufactured using high-end semiconductor technology with precision ratings of 99.9% and above. However, it may be the case that certain RGB and white pixels seem darker (or entirely unlit i.e. black).

Modern production methods cannot guarantee an absolute fault-free monitor. To this effect, no LED manufacturer can guarantee a defect free panel. A few isolated pixel or sub-pixel faults are considered tolerable and different policies exist that govern the amount of these tolerable values.

While most pixel faults occur in isolated regions, a cluster of dead pixels or sub-pixels can sometimes form for which a separate ruling applies. A cluster is defined as an area of 5x5 pixels. ViewZ's policy on pixel failure: either as an isolated fault or in the form of a cluster is outlined on the website: www.viewzusa.com

FCC RF INTERFERENCE STATEMENT

Note

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technician for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

Statement

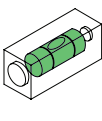
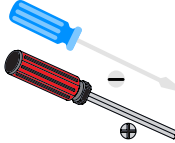
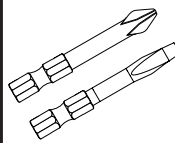
- VESA is the trademark of Video Electronics Standard Association.
- HDMI, HDMI logo and High-Definition Multimedia Interface (high definition multimedia digital interface) are the trademark or registered trademark of HDMI Licensing LLC.

If some company or product trademark is not particularly stated, the use of trademark has been fully recognized. Do not alter, decompile, disassemble, decode or conduct reverse engineering to the software installed in the product, or it can be deemed as breach of the law.

INSTALLATION

Installation Tools

The following tools may be required or recommended.

						
Stud Finder & Pencil	Protective Eye-wear	Level	Ladder	Phillips & Flathead Screwdriver	Automatic Screwdriver	Phillips & Flathead Screwdriver Bit

Assembly Components - provided

Your ViewZ monitor is shipped with all proper installation hardware and components. If there are parts missing and/or damaged, please stop the installation and contact ViewZ USA at (888)-998-4399.

			
TFT-LED Monitor (Qty 1)	110V Power Cable (Qty 1), IR Receiver (Qty 1), HDMI Cable (Qty 1)	RJ45 Cable (Qty 1), Converter (RJ45 to RS232) (Qty 1)	User Manual (Qty 1) Remote Controller (Qty 1)

Mounting Options

Your ViewZ monitor is compatible with ViewZ monitor mounts. For more information, please contact ViewZ USA at (888)-998-4399.

Wall Mount

- | | |
|---|--|
| <ul style="list-style-type: none"> Part # VZ-WM71  <ul style="list-style-type: none"> Tilting -10° ~ 0° Universal Mount Load Capacity 165 lbs / 75 kg | <ul style="list-style-type: none"> Part # VZ-XMS  <ul style="list-style-type: none"> Tilting Hor. ±3° Ver. - 2° ~ +4° Universal Mount Load Capacity 154 lbs / 70 kg |
|---|--|

Ceiling Mount

- | | |
|---|---|
| <ul style="list-style-type: none"> Part # VZ-CMKIT-04  <ul style="list-style-type: none"> Tilting -12° ~ +5° Rotation 360° Universal Mount Load Capacity 110 lbs / 50 kg | <ul style="list-style-type: none"> Part # VZ-FSM2x2  <ul style="list-style-type: none"> Tilting ±4° Universal Mount Load Capacity 110 lbs / 50 kg |
|---|---|

FEATURES

Features

- Creates a seamless display effect in multi-screen splicing
- Supports m rows and n columns ($1 \leq m \leq 15$, $1 \leq n \leq 15$) in splicing and 15 x15 at most
- Remote control of RS232 serial port: each unit supports one RS232 input and loop-out
- Integrated multi-channel video signal type - HDMI, DVI, DP daisy-chained by HDMI up to 15x15.
- Auto color adjustment guarantees color uniformity in multi-screen splicing with a built-in control unit to make the best adjustment of color
- The built-in picture cutting and compensation function can work with system software to accommodate large screen splicing project
- Industrial cooling fan is equipped for heat dissipation and improved reliability, supporting 24/7 operation
- Supports 8 Lane V-BY-ONE with output resolution of 3840 × 2160 @60Hz
- Using the latest V-BY-ONE driver chip, the peripheral circuit is simpler and the power consumption is lower
- USB firmware upgrade function for easy maintenance and assembly
- Full hardware architecture: no CPU and operating system
- Powerful processing
- Quick start: Less than 8 seconds
- Automatic computer-driven temperature control system with the following settings: on/off/auto/user
- Supports Full HD resolution @ 1920 x 1080
- User-friendly operation.
- Control from external source available via protocol communication (RS-232)

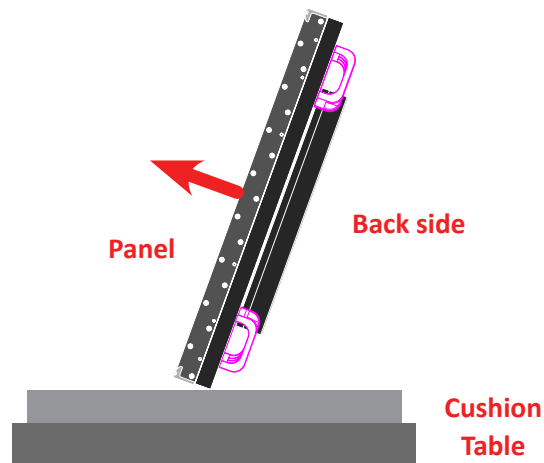
Description

- Before operating the video wall monitor, please make sure you fully understand relevant prerequisites such as the specification or limitation of H/W and S/W. ViewZ shall not be responsible for loss, damage or injury caused by improper use of products.
- You are not allowed to copy, use, alter or disseminate this manual in whole or in part without prior written consent.
- Any and all product names, model names, labels, or company names used in this manual are the trademarks and registered trademarks of ViewZ.
- If you have any advice or question related to this manual, please contact our dealer, re-seller or our customer service representatives.

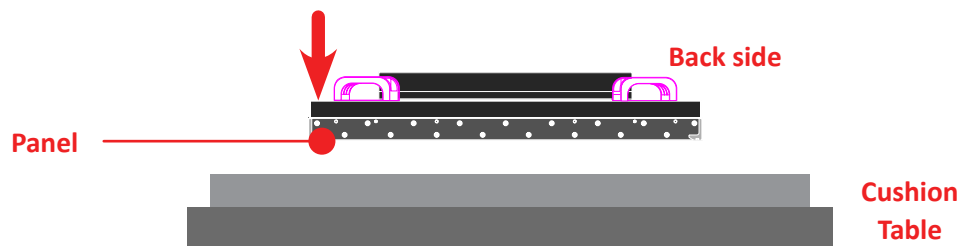
INSTALLATION & PROTECTION

Correct Handling Method

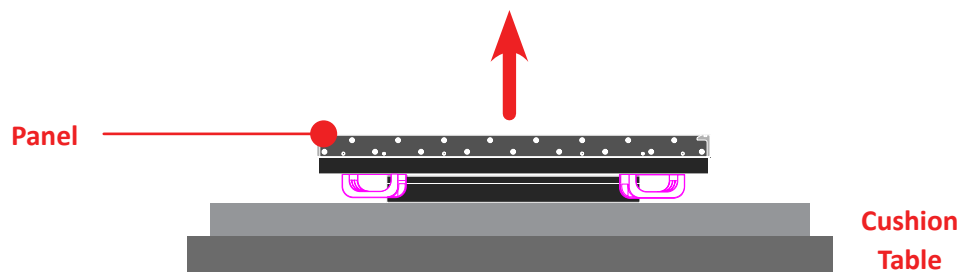
If the product needs to be set upright, hold both sides of the product, and tilt backward carefully for. Do not let the panel not to touch the floor



When laying down the product, lay a cushion on a flat floor. Put the product on it with the panel of the product facing down.

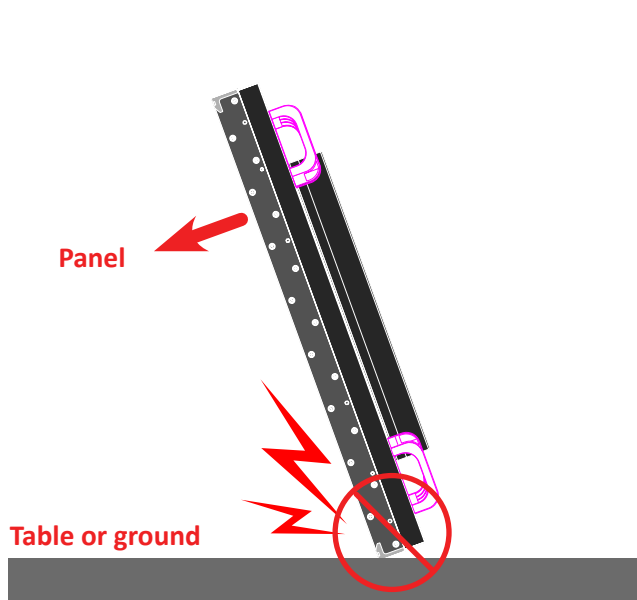


If there is not a cushion available, ensure the floor is clean and then lay the product down carefully with the panel facing either upward or downward. At this time, be careful for objects not to fall on the panel.

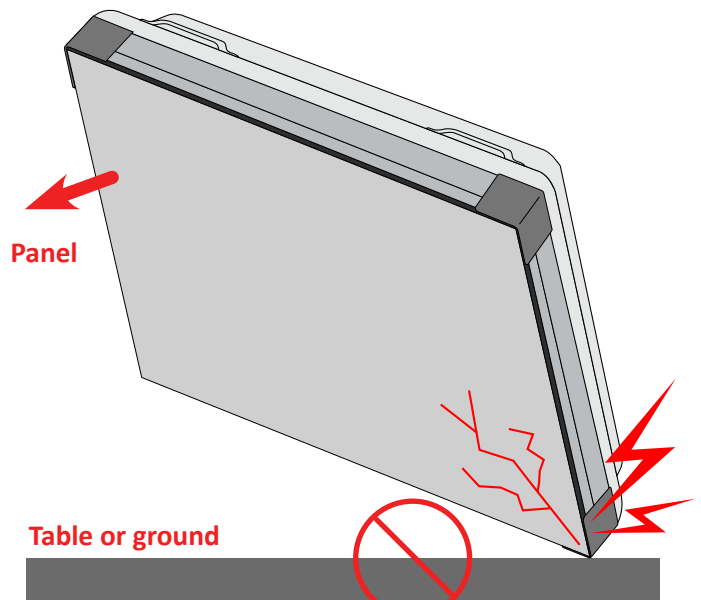


INSTALLATION & PROTECTION

Correct Handling Method



If the product is tilted onto the bezel, the bottom of the panel may be damaged.



If the product is tilted onto the edge of the panel, the panel may be damaged.



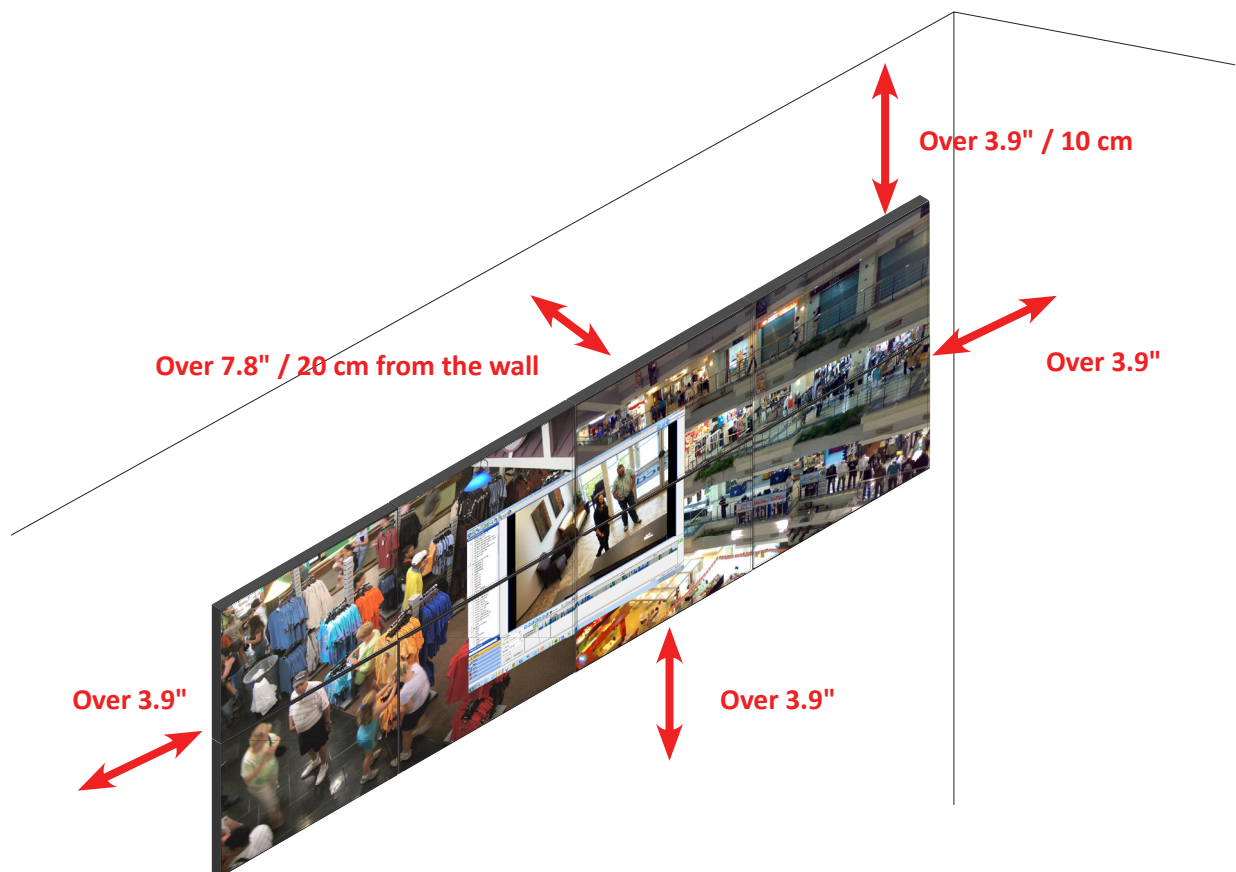
Caution

- Disconnect the power cord first, and then move or install the monitor set. Otherwise electric shock may occur.
- If you install the monitor set on a ceiling or slanted wall, it may fall and result in severe injury.
- Do not over tighten the screws as this may cause damage to the monitor set and void your warranty.
- Use the screws and wall mounts that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty.
- If a product is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries can be avoided by taking simple precautions such as:
 - ▶ Using cabinets or stands recommended by the manufacturer of the product.
 - ▶ Only using furniture that can safely support the product.
 - ▶ Ensuring the product is not overhanging the edge of the supporting furniture.
 - ▶ Not placing the product on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the product to a suitable support.
 - ▶ Not standing the product on cloth or other materials placed between the product and supporting furniture.
 - ▶ Do not climb on or hang on the product.

INSTALLATION & PROTECTION

Correct Handling Method

- To install UNBS monitors on a wall (optional), use the VESA screws provided as accessories to fasten it.
- When install multiple UNBS monitors and build up a videowall, at least 20 cm (7.8 inches) away from the wall and leave about 10 cm (3.9 inches) of space at each side of the monitor to ensure sufficient ventilation.
- Use the wall mount plate and screws that comply with the VESA standard.



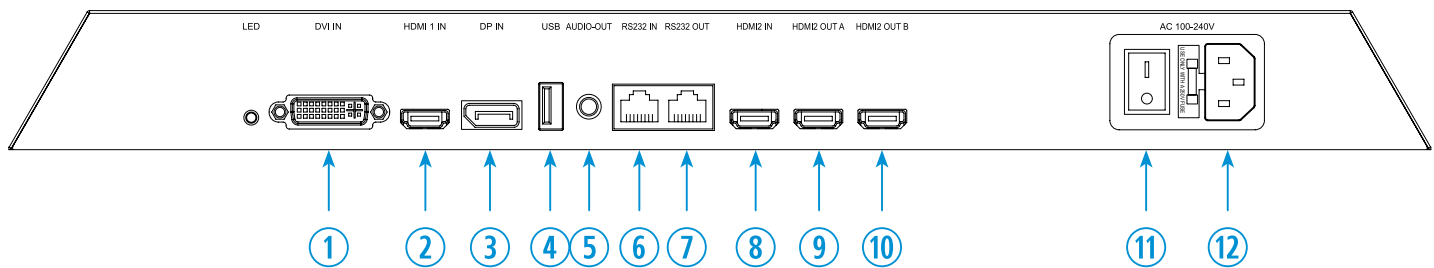
Note

- **Do not install the product in a place with no ventilation** (e.g., on a bookshelf or in a closet) or on a carpet or cushion. If there is no other option but to mount the product on the wall, make sure that sufficient ventilation is provided before installation.
- Failure to do so may result in a fire due to the increase in the internal temperature

CONNECTION & WIRING

Interface Ports

The following image is the description of interface input ports



- | | |
|--|---------------------------------------|
| 1. DVI-D IN | 7. RS232 (RJ-45) OUT - Serial Control |
| 2. HDMI1 IN | 8. HDMI2 IN (Daisy Chain) |
| 3. DP IN | 9. HDMI2 OUT - A (Daisy Chain) |
| 4. USB - For upgrading SW | 10. HDMI2 OUT - B (Daisy Chain) |
| 5. AUDIO OUT | 11. POWER ON / OFF Switch |
| 6. RS232 (RJ-45) IN - Serial Control / IR Receiver | 12. AC 100-240V IN |

Interface Resolution & Refresh Rate

Interface Input Source	Max Resolution	Refresh Rate
Display Port (1.2) In	3840 x 2160	60Hz
HDMI1 (1.4) In	3840 x 2160	30Hz
HDMI2 (2.0) In / Out	3840 x 2160	60Hz
DVI-D In	1920 x 1080	60Hz

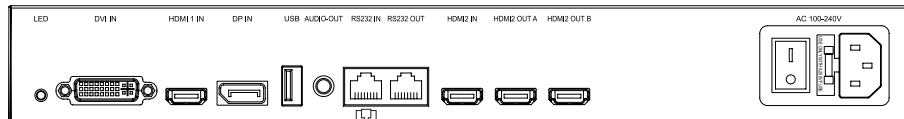
CONNECTION & WIRING

Remote Control Operation

Before using OSD & remote controller, user needs to connect the RS232 cable to all monitors like below picture, thus user has 2 ways to control videowall.

1. Use the IR remote controller
2. Use the serial control program (M-Mix Control)

Either way, RJ45 (RS232) cable needs to connect as following figures and add AC Power cables.

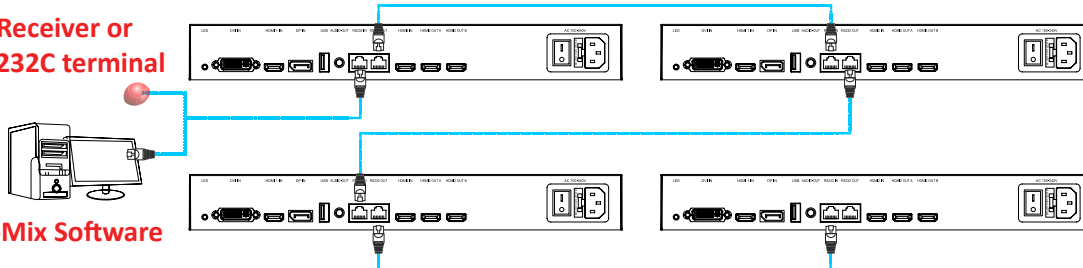


IR Receiver or RS232C Terminal →

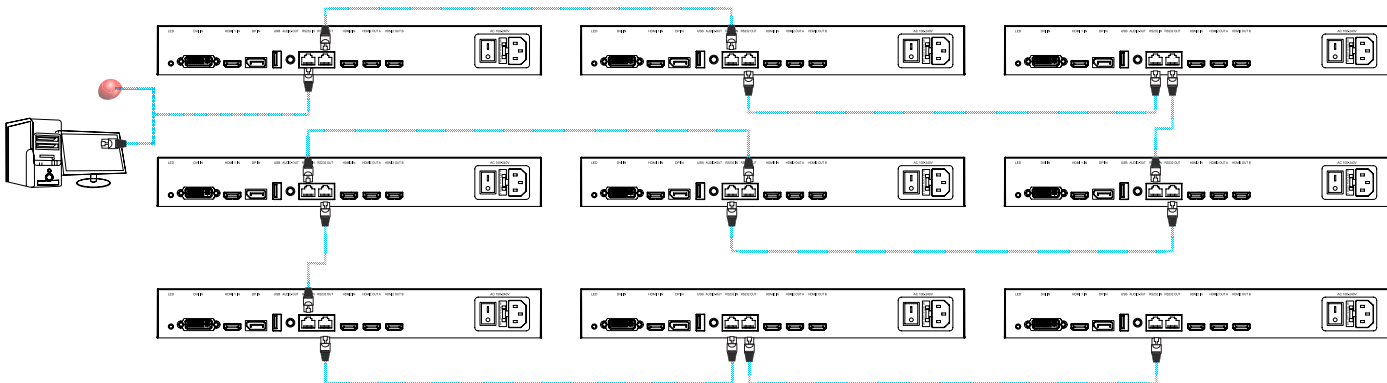


IR Receiver or
RS232C terminal

M-Mix Software



RJ45 (RS232) cable connection (Daisy Chain) of 2x2 Videowall

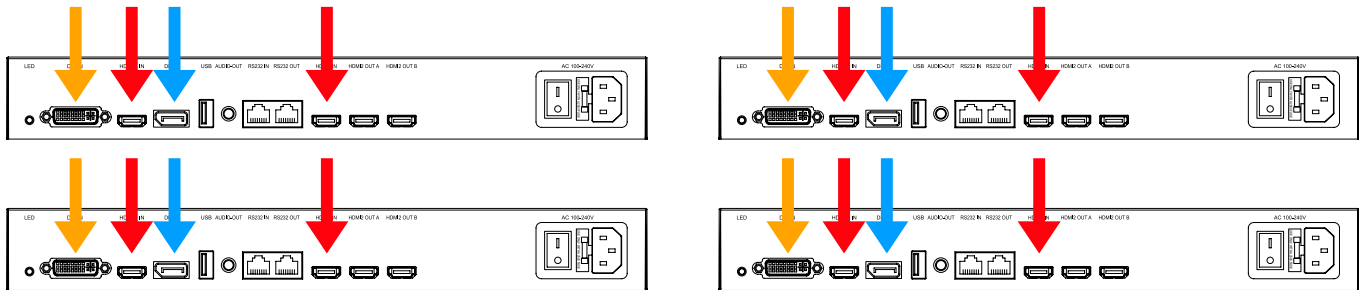


RJ45 (RS232) cable connection (Daisy Chain) of 3x3 Videowall

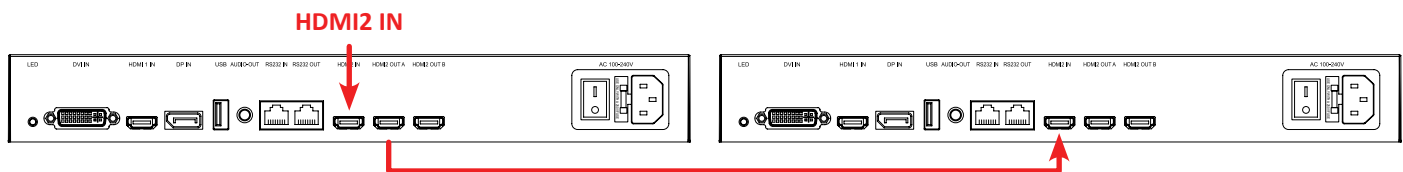
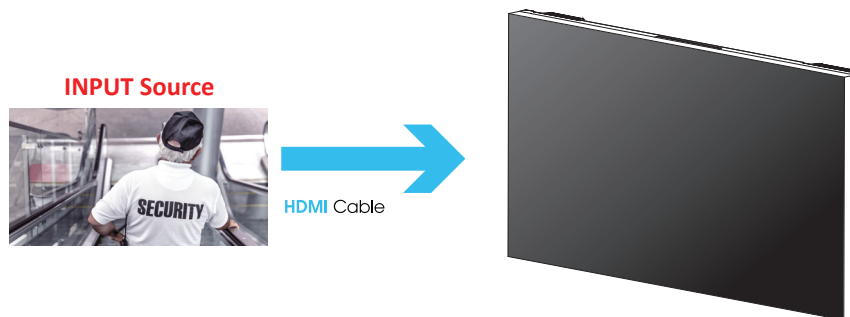
CONNECTION & WIRING

Input Source (No SPLICE mode)

Video cables (if not use SPLICE mode) connect any video cable to video input ports.



Input Source (SPLICE mode)



- ① Connect the Video source at the **HDMI2 IN** of 1st monitor.
- ② Connect the **HDMI cable** at **HDMI OUT** of 1st monitor and **HDMI2 IN** of 2nd monitor. And connect 2nd and 3rd monitors repeatedly until the last of monitor.



Note

- ViewZ recommend to use the short HDMI cable (less than 6 feet) for SPLICE mode (Daisy-Chain) connection.

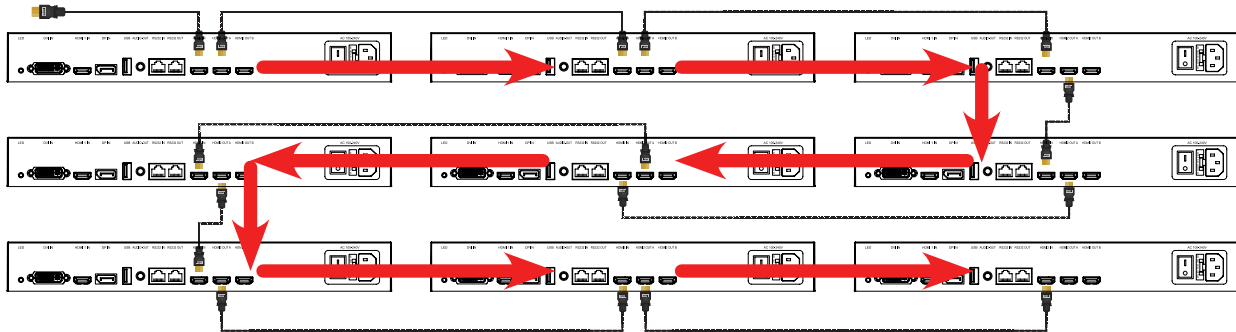
CONNECTION & WIRING

Input Source (SPICE mode)

User can make daisy-chain mode in 2 ways. If videowall has less than 12 monitors, user can use either connect method 1 or 2.

Connect Method 1

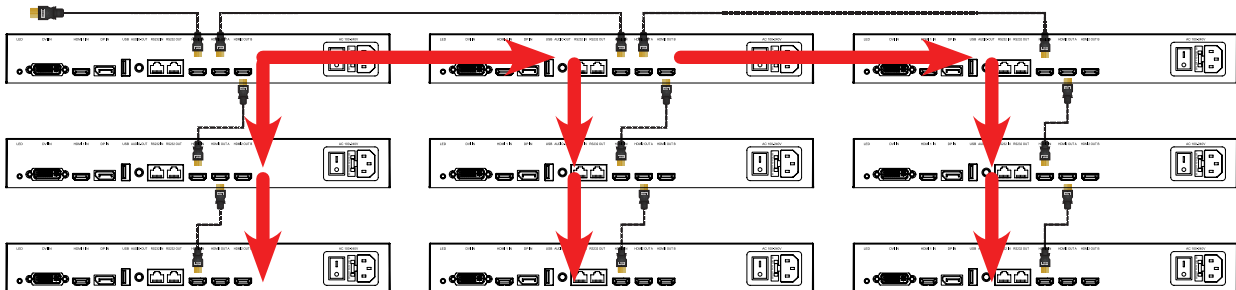
HDMI 2
Input



When the videowall has more than 12 monitors and needs to be daisy-chained, user needs to make daisy-chain as connection as following figure;

Connect Method 2

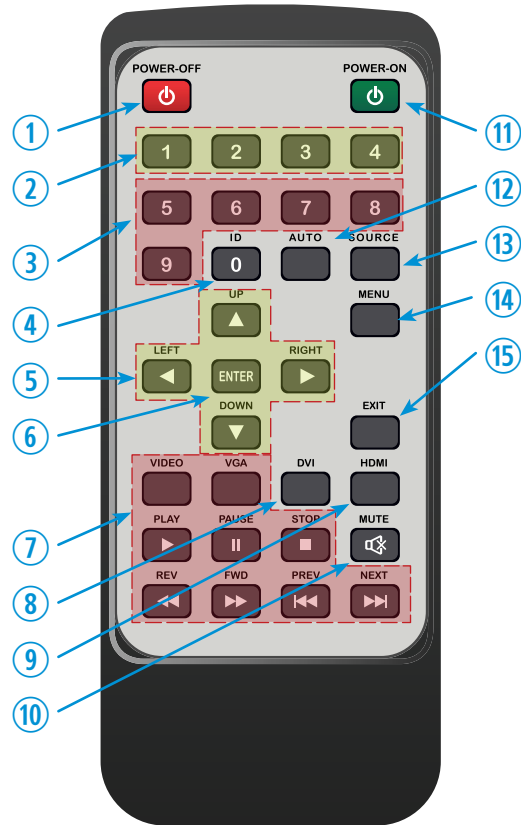
HDMI 2
Input



REMOTE FUNCTION

IR Remote Controller

1. **POWER OFF**
2. **PBP Shortcut Key** - #1 (No PBP), #2 (PBP 2 windows), #3 (PBP 3 Windows), #4 (PBP 4 windows)
3. **Number Key** - For entering ID #s
4. **ID(0)** - OSD Version
5. **ARROW** - OSD Control / Shortcut Key (Monitor Brightness)
6. **ENTER** - To confirm current OSD value
7. **No Function** - VIDEO/VGA/PLAY/PAUSE/STOP/REV./FWD/PREV./NEXT.
8. **DVI** - To select the DVI input source
9. **HDMI** - To select the HDMI1/HDMI2 input source
10. **MUTE** - Turn Off the Sound (Audio Out)
11. **POWER ON**
12. **AUTO** - Control a single screen on the videowall, after setup a location (row & column) on the videowall
13. **SOURCE** - Change the input source
14. **MENU** - Enter the OSD
15. **EXIT** - Exit the OSD



Display image, sound and custom settings can be adjusted in OSD (On Screen Display) menu by remote controller. To adjust monitor setting value:

1. Press the **MENU** button to enter the OSD menu as following figure.
2. Press the **▲ / ▼** buttons to select the desired sub-menu. The selected sub-menu will be highlighted.
3. Press the **◀ / ▶** buttons to change the value you wish to adjust.
4. Press the **ENTER** button to confirm / the **MENU/EXIT** button to exit for saving adjustment value on sub-menu.

HDMI		Resolution 1920x1080@60Hz
Input Source	BackLight	100 ■■■■■■■■■■
Brightness/Contrast	Contrast	60
Color Setting	Brightness	50
Picture Quality Setting	DCR	Off
Display		
Audio		
Multi-Window		
OSD		
Other		
Splice		
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz		Window2: InputSource: Resolution:
Window3: InputSource: Resolution:		Window4: InputSource: Resolution:

CONTROL AND FUNCTION

IR Remote Controller

Press the **SOURCE** button, then press the ▲ / ▼ buttons to select input source. Press the **ENTER** button to select a desired input source. If you connect any input source, monitor will display current input source resolution and frequency after selection of input source.



On the remote controller, press  **MUTE** button to on / off audio-out of monitor.



On the remote controller, press ◀ / ▶ / ▼ / ▲ button to change the brightness of monitor.



Note

- When any input source is applied, monitor will display current input source resolution and frequency.

CONTROL AND FUNCTION

Brightness / Contrast

HDMI		Resolution 1920x1080@60Hz
Input Source	BackLight	100 
Brightness/Contrast	Contrast	60
Color Setting	Brightnewss	50
Picture Quality Setting	DCR	Off
Display		
Audio		
Multi-Window		
OSD		
Other		
Splice		
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz Window3: InputSource: Resolution:		Window2: InputSource: Resolution: Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
BACKLIGHT	Set the illumination for LCD panel	0 ~ 100 (Default: 100)
CONTRAST	Adjusts the difference between the lightest and darkest parts of the image	0 ~ 100 (Default: 50)
BRIGHTNESS	Adjusts the brightness	0 ~ 100 (Default: 50)
DCR	Set the dynamic contrast ratio mode	ON / OFF (Default: OFF)

CONTROL AND FUNCTION

Color Setting

HDMI		Resolution 1920x1080@60Hz
Input Source	Gamma	2.2
Brightness/Contrast	Picture Mode	Standard
Color Setting	Color Temperature	Normal
Picture Quality Setting	Hue	50
Display	Saturation	60 
Audio		
Multi-Window		
OSD		
Other		
Splice		
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz		Window2: InputSource: Resolution:
Window3: InputSource: Resolution:		Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
GAMMA	Adjust gamma curve (color depth)	1.8, 2.0, 2.2, 2.4, 2.6 (Default: 2.2)
PICTURE MODE	Adjust the image color setting	See table below (Default: Standard)
COLOR TEMPERATURE	Adjust the color temperature	See table below (Default: Normal)
HUE	Adjust the hue	0 ~ 100 (Default: 50)
SATURATION	Adjust the color saturation	0 ~ 100 (Default: 50)

PICTURE MODE	
STANDARD	Provides standard contrast and sharpness
PHOTO	Enhances contrast, sharpness, and color of text
MOVIE	Provides film-based content for a cinema-like environment
GAME	Provides standard pictures suitable for games
FPS	Provides a first-person shooting game for game environment
RTS	Provides a real-time strategy game for game environment

COLOR TEMPERATURE	
WARM	Give the white color a reddish tint
NORMAL	Give the white color a neutral tint
COOL	Give the white color a blue-ish tint
USER	Apply proper values to adjust white balance - Default: R 128(0 ~ 255), G 128 (0 ~ 255), B 128 (0 ~ 255)

CONTROL AND FUNCTION

Picture Quality Setting

HDMI		Resolution 1920x1080@60Hz
Input Source	Sharpness	50
Brightness/Contrast	Response Time	Off
Color Setting	Noise Reduction	Off
Picture Quality Setting	Super Resolution	Low
Display	Dynamic Luminous Control	Off
Audio		
Multi-Window		
OSD		
Other		
Splice		
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz Window3: InputSource: Resolution:		Window2: InputSource: Resolution: Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
SHARPNESS	Adjust the sharpness level	0 ~ 100 (Default: 50)
RESPONSE TIME	Set the response time	Default: OFF (Off, High, Middle, Low)
NOISE REDUCTION	Estimates the amount of noise automatically and applies suitable noise reduction processing	Default: OFF (Off, High, Middle, Low)
SUPER RESOLUTION	Increases the resolution of an image or video, making it larger and sharper.	Default: OFF (Off, High, Middle, Low)
DYNAMIC LUMINOUS CONTROL	Automatically adjusts its brightness based on the content being displayed	ON / OFF (Default: OFF)

CONTROL AND FUNCTION

Display

HDMI		Resolution 1920x1080@60Hz
Input Source	Aspect Ratio	Wide Screen
Brightness/Contrast	Rotation	Normal
Color Setting		
Picture Quality Setting		
Display		
Audio		
Multi-Window		
OSD		
Other		
Splice		
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz Window3: InputSource: Resolution:		Window2: InputSource: Resolution: Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
ASPECT RATIO	Adjust the video format	Wide screen, 4:3, 1:1, Auto (Default: Wide Screen)
ROTATION	Rotate the display image	Normal / 90° / 180° / 270° (Default: Normal)

CONTROL AND FUNCTION

Audio

HDMI		Resolution 1920x1080@60Hz
Input Source	Mute	Off
Brightness/Contrast	Volume	50 
Color Setting	Audio Output	Earphone
Picture Quality Setting		
Display		
Audio		
Multi-Window		
OSD		
Other		
Splice		
	Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz	Window2: InputSource: Resolution:
	Window3: InputSource: Resolution:	Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNTION		VALUE
MUTE	Turn on / off the sound	ON / OFF (Default: OFF)
VOLUME	Adjust the volume level	0 ~ 100 (Default: 50)
AUDIO OUTPUT	Select a type of audio output	Earphone / Speaker (Default: Earphone)



Note

- ViewZ UNBS, SNB, SHB, ENB & EHB series do not support internal speaker.

CONTROL AND FUNCTION

Mutil-Window

HDMI		Resolution 1920x1080@60Hz
Input Source	Multi-Window	PIP Mode
Brightness/Contrast	Sub Win2 Input	HDMI2 (1,4)
Color Setting	Sub Win3 Input	DVI
Picture Quality Setting	Sub Win4 Input	DP
Display	PIP Size	Medium
Audio	PIP Position	TopRight
Multi-Window	Swap	
OSD		
Other		
Splice		
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz Window3: InputSource: Resolution:		Window2: InputSource: Resolution: Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
MULTI-WINDOW	Set the multi-window function	Off, PIP, PBP2, PBP3, PBP4 (Default: OFF)
SUBWIN 2 INPUT	Select 2 PBP input sources	DP, HDMI1, HDMI2, DVI
SUBWIN 3 INPUT	Select 3 PBP input sources	DP, HDMI1, HDMI2, DVI
SUBWIN 4 INPUT	Select 4 PBP input sources	DP, HDMI1, HDMI2, DVI
PIP SIZE	Set the size of PIP screen	Small, Medium, Large (Default: Medium)
PIP POSITION	Set the position of PIP screen	TopRight, TopLeft, BottomRight, BottomLeft Default: TopRight
SWAP	Swap display images for PIP	

CONTROL AND FUNCTION

OSD

HDMI		Resolution 1920x1080@60Hz
Input Source	Language	English
Brightness/Contrast	OSD H-Position	50
Color Setting	OSD V-Position	50
Picture Quality Setting	OSD Transparency	20
Display	OSD Time Out	20
Audio	OSD Rotation	Normal
Multi-Window		
OSD		
Other		
Splice		
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz		Window2: InputSource: Resolution:
Window3: InputSource: Resolution:		Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
LANGUAGE	Set the language of the OSD menu	English, French, Portuguese, Japanese, Spanish (Default: English)
OSD H-POSITION	Adjust the horizontal position of OSD	0 ~ 100 (Default: 50)
OSD V-POSITION	Adjust the vertical position of OSD	0 ~ 100 (Default: 50)
OSD TRANSPARENCY	Set the OSD transparency	0 ~ 100 (Default: 20)
OSD TIME OUT	Adjust the OSD display time	0 ~ 100 (Default: 20)
OSD ROTATION	Rotate the OSD	Normal / 90° / 180° / 270° (Default: Normal) (Default: Normal)

CONTROL AND FUNCTION

Other

HDMI		Resolution 1920x1080@60Hz
Input Source	DP Version	DP1.2
Brightness/Contrast	Reset	
Color Setting		
Picture Quality Setting		
Display		
Audio		
Multi-Window		
OSD		
Other		
Splice		
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz Window3: InputSource: Resolution:		Window2: InputSource: Resolution: Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
DP VERSION	Display the version of DP	Default: DP1.2
RESET	Reset the monitor settings to the factory default	

CONTROL AND FUNCTION

Splice

HDMI		Resolution 1920x1080@60Hz
Input Source	Row Total	1
Brightness/Contrast	Column Total	1
Color Setting	Single Display	
Picture Quality Setting	Random	7352
Display	RandNum1	0
Audio	RandNum2	0
Multi-Window	RandNum3	0
OSD	RandNum4	0
Other	Row Addr	1
Splice	Column Addr	1
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz		Window2: InputSource: Resolution:
Window3: InputSource: Resolution:		Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
ROW TOTAL	Select the total horizontal monitor number	1 ~ 15 (Default: 1)
COLUMN TOTAL	Select the total vertical monitor number	1 ~ 15 (Default: 1)
SINGLE DISPLAY ¹⁾	Switch entire monitors as only one display on each videowall monitor	
RANDOM ²⁾	This 4 digit numbers is a logical identification number of selected monitor. This RANDOM (ID) number will be updated at every time (Power ON/OFF).	Default: XXXX

1) When user activates **SINGLE DISPLAY**, user will see same image on every monitor. To come back to the videowall display, user needs to update the value of **Row Total** & **Column Total** based on the previous setup or select the number of **Row/Column number** (of current videowall).

2) This 4 digits (logical identification code) keep updating after power on/off automatically.



Note

- This **SPLICE** feature is effected when each monitor is connected with daisy chained.
- For **SPLICE** setup, please see page 26.
- If user uses **ViewZ PRO series** controller, this **SPLICE** feature is not needed to setup.

CONTROL AND FUNCTION

Splice

HDMI		Resolution 1920x1080@60Hz
Input Source	Row Total	1
Brightness/Contrast	Column Total	1
Color Setting	Single Display	
Picture Quality Setting	Random	7352
Display	RandNum1	0
Audio	RandNum2	0
Multi-Window	RandNum3	0
OSD	RandNum4	0
Other	Row Addr	1
Splice	Column Addr	1
Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz		Window2: InputSource: Resolution:
Window3: InputSource: Resolution:		Window4: InputSource: Resolution:

▲/▼ MOVE ◀/▶ ADJUST ENTER SELECT MENU RETURN

FUNCTION		VALUE
RANDNUM1 ³⁾	Type the 1st number of RANDOM (4 digits) number	0 ~ 9 (Default: 0)
RANDNUM2 ³⁾	Type the 2nd number of RANDOM (4 digits) number	0 ~ 9 (Default: 0)
RANDNUM3 ³⁾	Type the 3rd number of RANDOM (4 digits) number	0 ~ 9 (Default: 0)
RANDNUM4 ³⁾	Type the 4th number of RANDOM (4 digits) number	0 ~ 9 (Default: 0)
ROW ADDR ⁴⁾	The number of row position on the videowall	1 ~ 15 (Default: 1)
COLUMN ADDR ⁴⁾	The number of column position on the videowall	1 ~ 15 (Default: 1)

3) When user setup the number of **RANDNUM** 1, 2, 3 & 4 based on **RANDOM** number, user can change the value of **ROW ADDR** & **COLUMN ADDR**. By using this feature, user can easily define the position of videowall.

4) These numbers define the physical position (row & column position) on the videowall.

SETUP SPLICE

SPLICE Mode - Setup 2x2 Videowall

The process of splice (daisy chain)

- ① Connect/wire the HDMI & RJ45(RS232) cables based on page 10 ~ 12.
- ② Power on the video source and the video wall monitors.

HDMI		Resolution 1920x1080@60Hz
Input Source	Row Total	1
Brightness/Contrast	Column Total	1
Color Setting	Single Display	
Picture Quality Setting	Random	7352
Display	RandNum1	0
Audio	RandNum2	0
Multi-Window	RandNum3	0
OSD	RandNum4	0
Other	Row Addr	1
Splice	Column Addr	1

Window1: InputSource: HDMI1 Resolution: 1920x1080@60Hz

Window2: InputSource: Resolution:

Window3: InputSource: Resolution:

Window4: InputSource: Resolution:

④

ROW Addr 1
COLUMN Addr 1

ROW Addr 1
COLUMN Addr 2

ROW Addr 2
COLUMN Addr 1

ROW Addr 2
COLUMN Addr 2

- ③ Press **SOURCE** on the IR Remote Controller (be sure to display input source on all of monitors) & select **HDMI2**.
- ④ Select **MENU / SPLICE** to setup **RANDOM ID, Row Address & Column Address** per each monitor.

Row Addr 1
Column Addr 1

Row Addr 1
Column Addr 2

Row Addr 2
Column Addr 1

Row Addr 2
Column Addr 2

Row Total	1
Column Total	1
Single Display	
Random	7352
RandNum1	0
RandNum2	0
RandNum3	0
RandNum4	0
Row Addr	1
Column Addr	1

Row Address 1 Column Address 1

Setup Row/Column number based on the physical stack number of monitor

Each monitor has its own ID Number

⑥ Type Random number into RandNum number

⑦ Setup Row/Column address based on the physical location of monitor

- ⑤ First, be sure all 4 monitors show at **ROW-1, COLUMN-1** to start **ID SETTING (Random)** at left-top monitor.
- ⑥ Check the **Random number** and type 4 digit **Random numbers** to **RandNum** 1 to 4. For example, if **Random numbers** is 7352, select **RandNum1** as 7, **RandNum2** as 3, **RandNum3** as 7, and **RandNum4** as 2 in order.
- ⑦ Type/Change the **Row Addr/Column Addr number** as 1 & 1.
- ⑧ Press **MENU** button to confirm the current update. This procedure needs to apply update & go to the next monitor setup.

SETUP SPLICE

SPLICE Mode - Setup 2x2 Videowall

Row Total	1
Column Total	1
Single Display	
Random	4621
RandNum1	4
RandNum2	6
RandNum3	2
RandNum4	1
Row Addr	1
Column Addr	2

Row Address 1 Column Address 2

Row Total	1
Column Total	1
Single Display	
Random	9935
RandNum1	9
RandNum2	9
RandNum3	3
RandNum4	5
Row Addr	2
Column Addr	1

Row Address 2 Column Address 1

Row Total	1
Column Total	1
Single Display	
Random	1058
RandNum1	1
RandNum2	0
RandNum3	5
RandNum4	8
Row Addr	2
Column Addr	2

Row Address 2 Column Address 2

- ⑨ Repeat ⑥ to ⑧ process to set up **ID SETTING (Random)** at right-top monitor (**ROW-1, COLUMN-2**), left-bottom (**ROW-2, COLUMN-1**) & right-bottom (**ROW-2, COLUMN-2**) monitors.

When user finished updating all 4 monitors of RandNum1~4 & Row/Column Addr, press **MENU** button to confirm the current update.

- ⑩ Select **SPLICE** menu again and change **ROW Total** number as 2 and **COLUMN Total** number as 2. Then, user will see 2x2 videowall daisy chain monitors.

Row Total	2
Column Total	2
Single Display	
Random	4621



Caution

When user update/setup **SPLICE** (daisy chain), do not exit or turn off the current OSD menu. If user turn off the opened OSD menu, user needs to do this process again from the step ④.

ROW Addr 1 COLUMN Addr 1	ROW Addr 1 COLUMN Addr 2	ROW Addr 1 COLUMN Addr 3
ROW Addr 2 COLUMN Addr 1	ROW Addr 2 COLUMN Addr 2	ROW Addr 2 COLUMN Addr 3
ROW Addr 3 COLUMN Addr 1	ROW Addr 3 COLUMN Addr 2	ROW Addr 3 COLUMN Addr 3



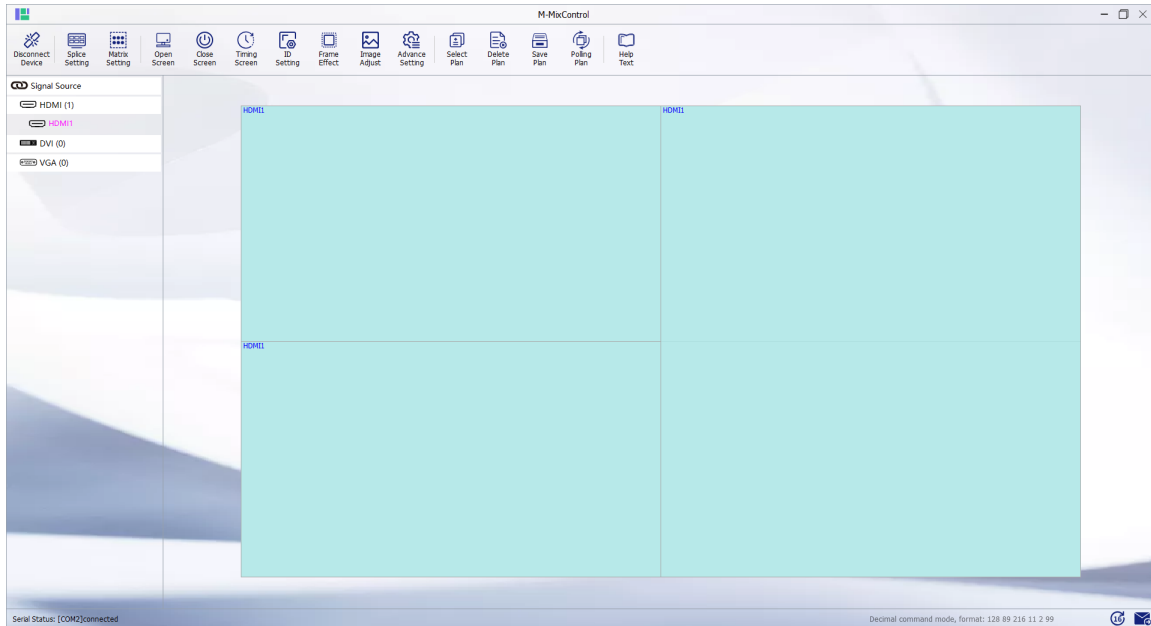
In case of 3x3 or more video wall, **ROW** and **COLUMN** should refer to the following numbers.

SETUP SPLICE

Using Serial Control Program - M-Mix Software

Power and ID Setting

- ① Power on the video source and the video wall monitors.
- ② Press **SOURCE** on the IR Remote Controller (be sure to display input source on all of monitors) and select **HDMI2** input source.
- ③ Disconnect the IR Receiver and connect the Serial Control Cable at the **RS232 (RJ45)** IN of 1st monitor
- ④ Use the remote control program (MixControl) via a computer.

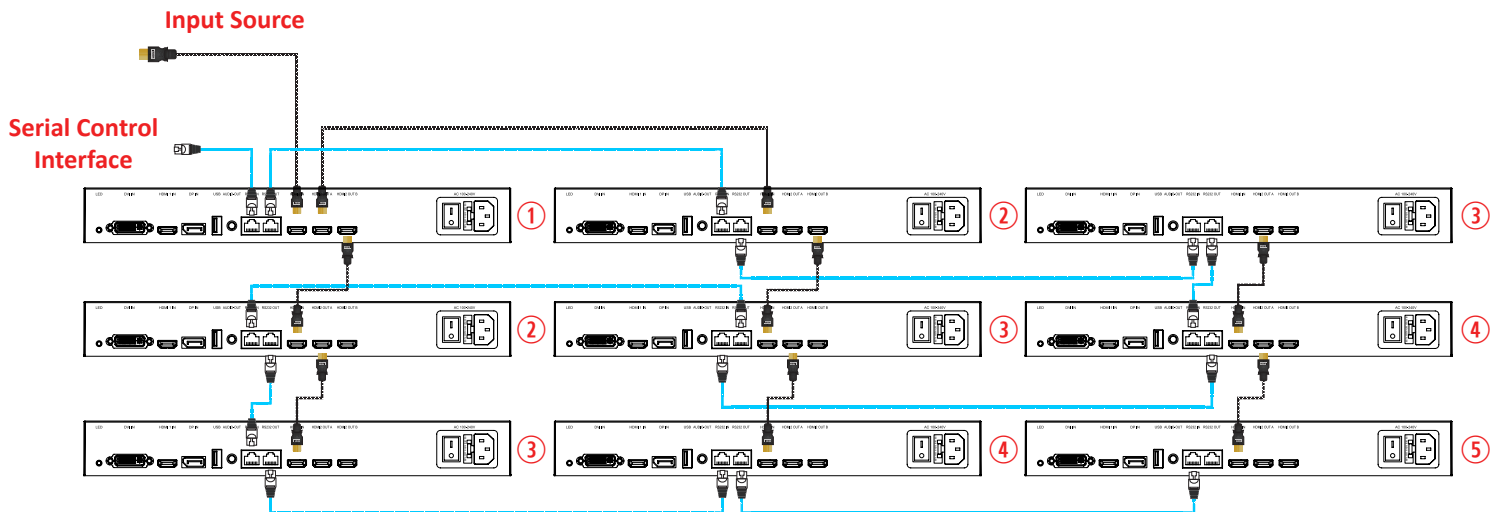
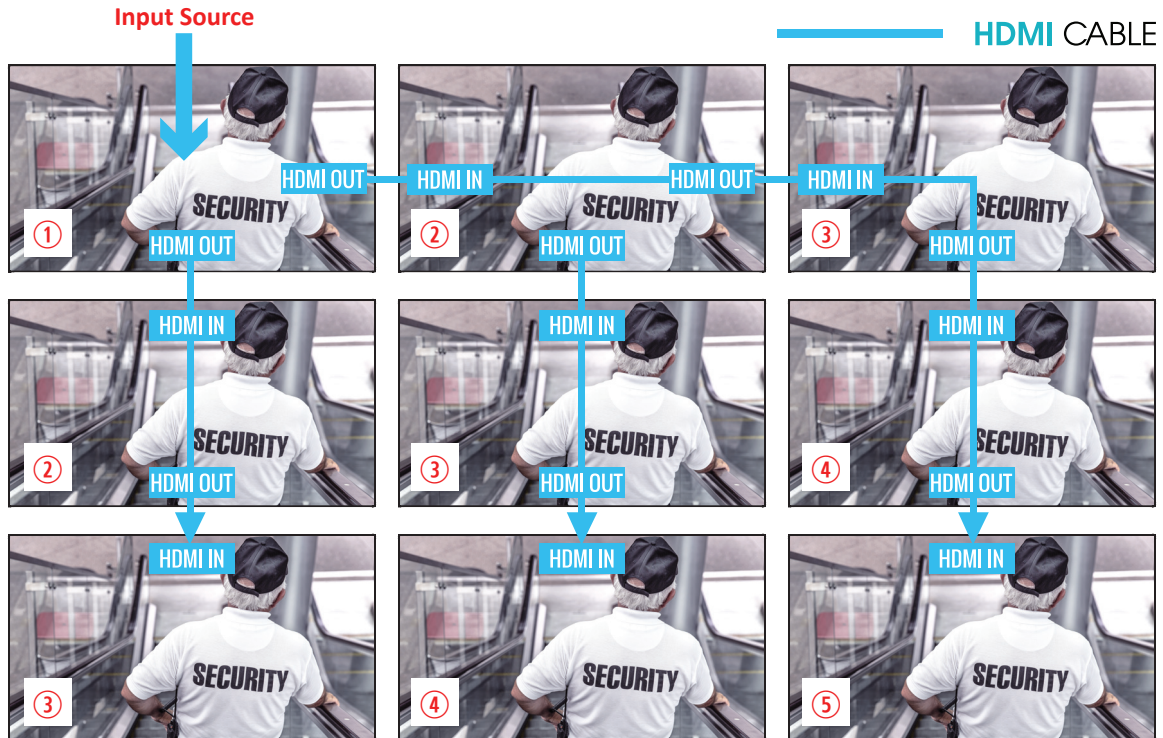


Please refer "VZ-UNBS-VideoWall-SW-Manual-M-Mix"

SETUP SPLICE

Using Serial Control Program - M-Mix Software

- If your setup is successfully done, you will see the image like below picture.



①-⑤ Connection order of monitors

Cable Type

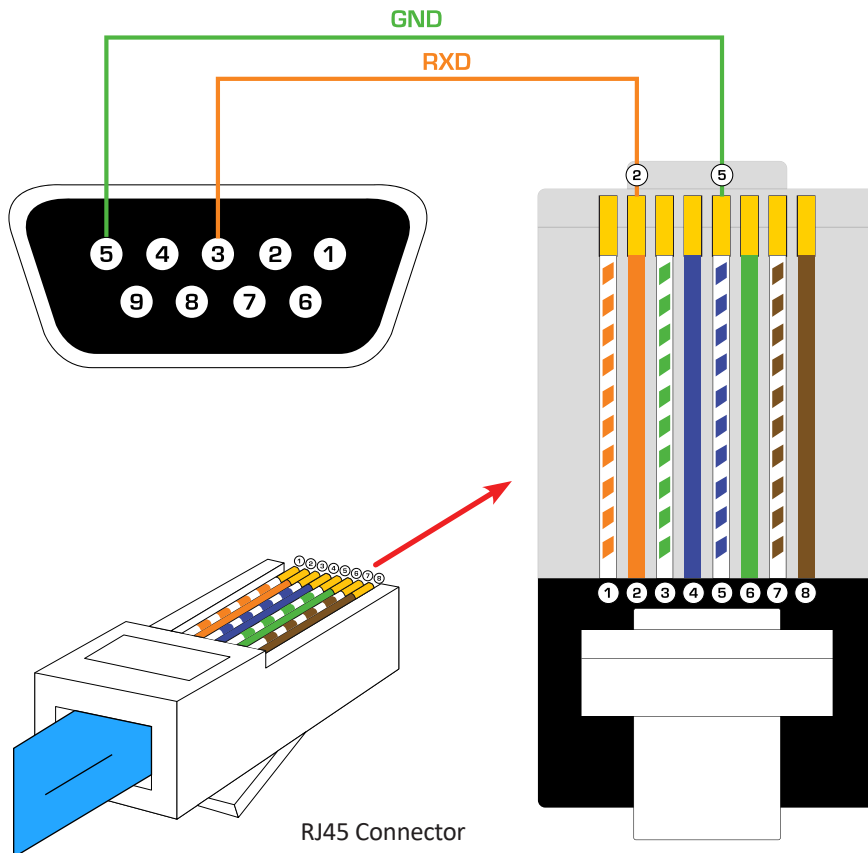


Cat 5 Cable
HDMI Cable

RS232 (RJ-45) PIN ASSIGNMENT

PIN MAP

The following image is the description of RJ-45 PIN MAP



	RS232 (DP9)	RJ45
RXD (Received Data)	3	2
GND (Groud)	5	5

If your video wall system requires an unified control by the central control (do not use provided video wall screen control software), please use the provided RJ-45(RS-232) cables to configure the sytem. If necessary, you can make your own RJ-45(RS-232) cables based on the above pin map. If you have further questions, please contact ViewZ.

Firmware Upgrade/Update Process

1. Download or copy Firmware file from ViewZ.
2. Copy the file to the empty USB
***Caution - This file should be placed in the root folder of USB.**
3. The software name is fixed as FLW_V56, BIN file type. Please note that the firmware file name should not be modified, otherwise the board cannot identify the firmware file.
4. Turn off the monitor and insert the USB drive to the USB interface of monitor.
5. Turn the power back on, then the monitor will be automatically upgraded/updated.
 During the upgrade/update process, the power indicator will be flashing.
 When the upgrade/update is completedm the power indicator will stop flashing.
6. After the upgrade/update process, the monitor will relaunch, indicating the update/upgrade has been completed.
***Caution - Do not turn off the power or remove the USB during upgrade/update process as the monitor board can be damaged in doing so.**

RS232 COMMAND

RS 232 Communication Command & Relevant Configurations - Set Command

In consideration of secondary development of centralized control circumstances, the function of RS232 communication command & relevant configuration setup are described as follow:

- DATA1 : Communication data header, The system is fixed as **0xD5**
- DATA2: Address, The first address identification code of the drive board (**0x11 – 0xAA**)
- DATA3: Address, The last address identification code of the drive board (**0x11 – 0xAA**)
- DATA4: Command 1
- DATA5: Command 2 - full detail as below list
- DATA6: The Data verification code (**0xAA**)

Example: For AV channel from 1,1 to 3,3, splice the video wall: D5 11 33 20 00 AA

DATA 1	DATA 2	DATA 3	DATA 4	DATA 5	DATA 6
--------	--------	--------	--------	--------	--------

CLASSES	COMMAND 1 (DATA 4)		COMMAND 2 (DATA 5)	
	NUMBER	EXPLANATION	NUMBER	EXPLANATION
SWITCH CONTROL	10	POWER ON / OFF	0	POWER OFF
			1	POWER ON
CHANNEL CONTROL SPLICING	20	CHANNEL SELECTION (SPLICING)	3	DVI
			5	HDMI 2
			8	DP
			9	HDMI 1
VIDEO CONTROL	30	CONTRAST RATIO	0 / 1	DOWN / UP
	31	BRIGHTNESS	0 / 1	DOWN / UP
	32	COLOR SATURATION	0 / 1	DOWN / UP
	33	COLOR	0 / 1	DOWN / UP
	34	DEFINITION	0 / 1	DOWN / UP
	35	R GAIN	0 / 1	DOWN / UP
	36	G GAIN	0 / 1	DOWN / UP
	37	B GAIN	0 / 1	DOWN / UP
	38	HORIZONTAL POSITION	0 / 1	DOWN / UP
	39	VERTICAL POSITION	0 / 1	DOWN / UP

RS232 COMMAND

RS 232 Communication Command & Relevant Configurations - Get Command

The data format is RS232 serial port multi-machine communication format

CLASSES	COMMAND 1 (DATA 4)		COMMAND 2 (DATA 5)	
	NUMBER	EXPLANATION	NUMBER	EXPLANATION
VGA/DVI CONTROL	40	RGB CONTRAST RATIO	0 / 1	DOWN / UP
	41	RGB BRIGHTNESS	0 / 1	DOWN / UP
	42	PC COLOR TEMPERATURE	1	NORMAL TEMPERATURE
	43	PC COLOR TEMPERATURE	1	WARM TONE
	44	PC COLOR TEMPERATURE	1	COLD TONE
	45	COLOR TEMPERATURE (R)	0 / 1	DOWN / UP
	46	COLOR TEMPERATURE (G)	0 / 1	DOWN / UP
	47	COLOR TEMPERATURE (B)	0 / 1	DOWN / UP
	48	ADC R OFFESET	0 / 1	DOWN / UP
	49	ADC G OFFESET	0 / 1	DOWN / UP
	4A	ADC B OFFESET	0 / 1	DOWN / UP
	4B	ADC R GAIN	0 / 1	DOWN / UP
	4C	ADC G GAIN	0 / 1	DOWN / UP
	4D	ADC B GAIN	0 / 1	DOWN / UP
	4E	AUTO ADJUST	1	ADJUST
	4F	HORIZONTAL POSITION	0 / 1	DOWN / UP
	50	VERTICAL POSITION	0 / 1	DOWN / UP
	51	AUTOMATIC COLOR ADJUST	1	ADJUST
	52	CLOCK ADJUSTMENT	0 / 1	DOWN / UP
	53	PHASE ADJUSTMENT	0 / 1	DOWN / UP
	5a	HORIZONTAL FRAME	0 ~ 100	ADJUST
	5b	VERTICAL FRAME	0 ~ 100	ADJUST
	5c	STILL	1	CHANGE
SYSTEM	60	USER RESET	1	INITIAL SYSTEM
	70	SAVE DATA	1	SAVE THE VALUES FOR THE ABOVE ADJUSTMENT

RS232 COMMAND

RS 232 Communication Command & Relevant Configurations - Set Command

The data format is RS232 serial port multi-machine communication format

CLASSES	COMMAND 1 (DATA 4)		COMMAND 2 (DATA 5)	
	NUMBER	EXPLANATION	NUMBER	EXPLANATION
FUNCTION ADJUSTMENT	76	FAN & TEMPERATURE CONTROL	0	FAN CONTROL BY TEMP. 45°C RUN THE FAN & 35°C OFF THE FAN
			1	RUN THE FAN
			2	OFF THE FAN
	77	RUN THE FAN ON THE MAX TEMPERATURE	XX	
	78	RUN THE FAN ON THE MIN TEMPERATURE	XX	
SYSTEM PARAMETER ADJUSTMENT	80	TI PARAMETER	0 / 1	ADJUST / ADJUST
	81	TI MODE	0	NORMAL MODE
			1	MEMORY MODE
	82	SOFTWARE INFORMATION	1	INVOKE
	83	AUTOMATIC STARTUP ADJUSTMENT	0 / 1	OFF / ON
	85	NO SIGNAL	0 / 1	BLACK / BLUE
	90	BACKLIGHT BRIGHTNESS ADJUSTMENT	0 / 1	DOWN / UP
	9f	TEST SIGNAL	0 / 1	DOWN / UP
PREPLAN MODE	A0	SAVE PREPLAN MODE	1 ~ 16	SAVE
	A1	INVOKE PREPLAN MODE	1 ~ 16	INVOKE
	A2	BACKLIGHT BRIGHTNESS	0 ~ 255	
	A3	S-SYSTEM	0	AUTO
			1	PAL
			2	NTSC
			3	SECAM

RS232 COMMAND

RS 232 Communication Command & Relevant Configurations - Set Command

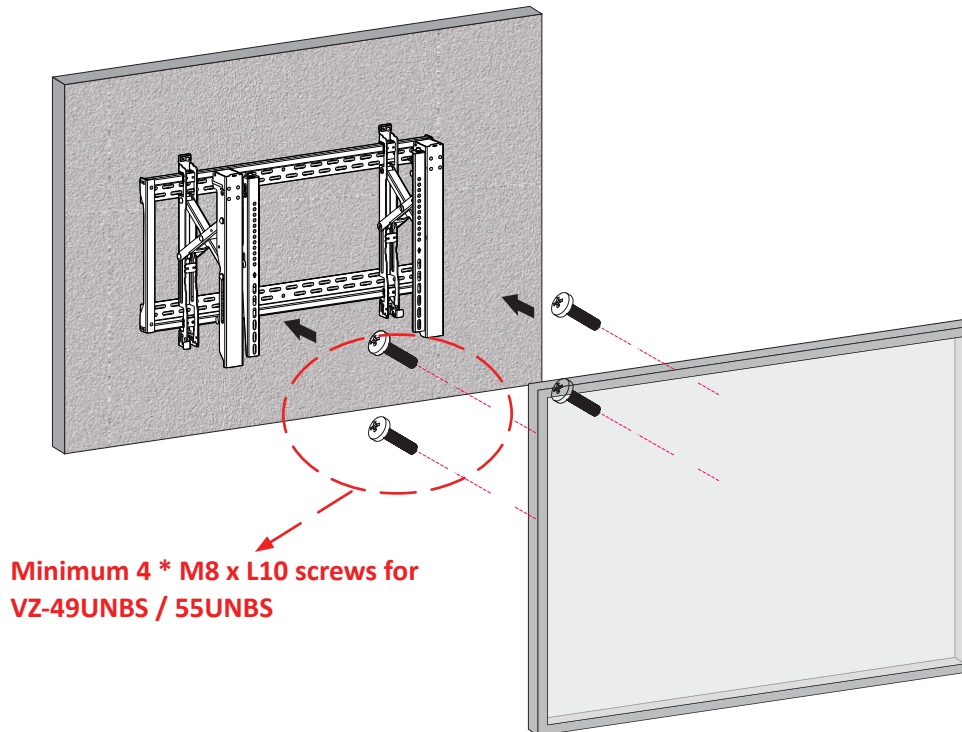
The data format is RS232 serial port multi-machine communication format

CLASSES	COMMAND 1 (DATA 4)		COMMAND 2 (DATA 5)	
	NUMBER	EXPLANATION	NUMBER	EXPLANATION
GRAIN REDUCTION MODE	A4		0	CLOSE
			1	LOW
			2	MIDDLE
			3	HIGH
			4	AUTO
AB GROUP EXCHANGE	A5	AB GROUP MODE	0	NORMAL
			1	EXCHANGE 2 SETS OF DATA
	81		0	NORMAL MODE
			1	MEMORY MODE
REPRODUCIBILITY ADJUSTMENT	b8	HORIZONTAL DIRECTION	0 / 1	DECREASE / INCREASE
	b9	VERTICAL DIRECTION	0 / 1	DECREASE / INCREASE

MOUNTING GUIDE

Wall Mounting (Optional)

VZ-UNBS monitors are suitable for universal wall mount (not included).



1. VZ-49UNBS & VZ-55UNBS : Universal WALL MOUNT 600 x (100 x 4) mm



WARNING !

If user uses screws bigger and longer than
M8 x L10 mm for VZ-49UNBS & VZ-55UNBS
it may cause damage to the unit. Please use bolt of correct size and length as instructed.



Mounting Safety !

At least two people are recommended to safely install the mount and monitor.

SPECIFICATION

Model No.		VZ-49UNBS	VZ-55UNBS
LCD	Size & Type	49"	55"
	Panel Type	49" LED Backlit Monitor	55" LED Backlit Monitor
	Pixel Pitch (mm)	0.55926 (H) x 0.55926 (V) mm	0.630 (H) x 0.630 (V) mm
	Brightness	450 cd/m ²	500 cd/m ²
	Contrast Ratio	1200 : 1	1200 : 1
	Viewing Angle	178° / 178°	
	Display Color	16.7 Million Colors	
	Response Time	< 8ms (Gray to Gray)	< 8ms (Gray to Gray)
	Resolution	1920 (H) x 1080 (V)	
	Active Display Area	1074.1 (H) x 604.3 (V) mm	1209.6 (H) x 680.4 (V) mm
	Aspect Ratio	16 : 9	
Bezel width (T & B / L & R)		0.090" x 0.047" / 2.3 x 1.2 mm	
Active to Active Bezel		0.137" / 3.5 mm	
Case Type		Black Metal	
Operating Temperature		14°F ~ 149°F / -10°C ~ 65°C	
Storage Temperature		32°F ~ 140°F / 0°C ~ 60°C	
Operating Humidity		5 ~ 95% RH	
Weight		Net : 54.89 lb / 24.5 kg	Net : 65.91 lb / 29.9 kg
		Gross : 74.73 lb / 33.9 kg	Gross : 88.18 lb / 40.0 kg
INTERFACE		HDMI INPUT x 2 / OUTPUT x 2, DP INPUT x 1, DVI-D INPUT x 1, RS232(RJ-45) INPUT x 1, RS232(RJ-45) OUTPUT x 1, AUDIO OUPUT x 1, USB (Upgrade) x 1	
Safety & EMC Certification		FCC / NDAA / RoHS	
Electrical Ratings		AC 100-240V, 50/60Hz, 2.0A	
Power Consumption		≤ 150 W (Max) / 0.5 W (Standby)	≤ 192 W (Max) / 0.5 W (Standby)
Accessories		AC110V Power Cable x 1, HDMI Cable x 1, Manual x1, CAT5 Cable (RS232) x 1, Remote Controller x 1, IR Receiver x 1, Converter (RJ45 to RS232) x 1	

TROUBLESHOOTING GUIDE

- Check the following before calling for service.
- If the same problems continue after checking, contact the reseller you purchased the monitor from.

At start	We recommend that you test with different input sources when you have trouble with the current input source. If symptom persists, follow the instructions below. After following the instructions below, please contact us at 1-888-99-VIEWZ.
No image or Noise on the screen	- Make sure the cable is correctly plugged into the outlet. - Make sure the power cable is correctly plugged into the monitor. - Make sure the cable is correctly connected between monitor & source. - Make sure to use RS-232/RJ-45 cable provided with the monitor - Check the RS-232/RJ-45 cable connection & Daisy chain wiring configuration. - Check the brightness setting and see if brightness is set to 'Ø'. - Check the video source.
Incorrect display or Half display	- Check your video source - Reset video source : connection, cable replacement, setting & more
Flickering and shadow image	- Check your input source setting for resolution and phase (Hz)
The audio function is not working	- Check the volume and make sure MUTE is not on - Check HDMI / BNC / Audio port cable connection
LED is flickering or no image	- Check the interface cable connection and make sure it's plugged in correctly - Check the input source

TERMS OF WARRANTY / RMA

- The warranty period for this monitor is 3 years. The warranty will be voided for the scenarios listed below.
- You can also download the manual and information on VIEWZ web site: VIEWZUSA.COM

Cases of Non-Warranty Coverage	When power feed to the monitor exceeds capacity and causes damage.
	Accident, Abuse, Misuse, Neglect, Fire, Water/liquids, Lightning or any act of nature.
	Damaged by dropping, throwing and hitting the monitor.
	Failure caused by user's attempt to modify the product.
	Failure by limited life of parts such as LED lamps and any other consumables.
	Damaged by using third party power cable, unstable power input and electric shock.

* Above information can be changed without notification - please check our website or contact ViewZ representative for the latest RMA service policy.

* When shipping the monitor for RMA, make sure to pack safely to ensure the monitor is not damaged during shipping.

NOTE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.

WARRANTY

ViewZ USA LIMITED 3 YEAR WARRANTY

What and Who is Covered by this Limited Warranty and for How Long

ViewZ USA warrants this product to be free from defects in material and workmanship for 3 years to the original owner of this product. The limited warranty is valid only for the original purchaser of the product.

What ViewZ USA Will Do

At their sole discretion, ViewZ USA will repair or replace any product or product part that is defective. If ViewZ USA chooses to replace a defective product or part, a replacement product or part will be shipped to you at no charge, but you must pay any labor costs.

What is Not Covered; Limitations

ViewZ USA disclaims any liability for damage to mounts, adapters, displays, projectors, other property, or personal injury resulting, in whole or in part, from improper installation, modification, use or misuse of its products.

ViewZ USA disclaims all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose. ViewZ USA is not responsible for incidental or consequential damages, including but not limited to, inability to use its products or labor costs for removing and replacing defective products or parts. Some states do not allow the exclusion or limitation of incidental or consequential damage, so the above limitation or exclusion may not apply to you.

What Customers Must Do for Limited Warranty Service

If you discover a problem that you think may be covered by the warranty you MUST REPORT it in writing to the address below within thirty (30) days. Proof of purchase (an original sales receipt) from the original consumer purchaser must accompany all warranty claims. Warranty claims must also include a description of the problem, the purchaser's name, address, and telephone number. General inquiries can be addressed to ViewZ USA Customer Service at 1-888-998-4399. Warranty claims will not be accepted over the phone or by fax.

ViewZ USA
Attn: Warranty Claim
1030 N ARMANDO ST.,
ANAHEIM, CA 92806

How State Law Applies

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Disclaimer

ViewZ USA intends to make this manual accurate and complete. However, ViewZ USA makes no claim that the information contained herein covers all details, conditions or variations, nor does it provide for every possible contingency in connection with the installation or use of this monitor. The information contained in this document is subject to change without notice or obligation of any kind. ViewZ USA makes no representation of warranty, expressed or implied, regarding the information contained herein. ViewZ USA assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

Contact Us

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