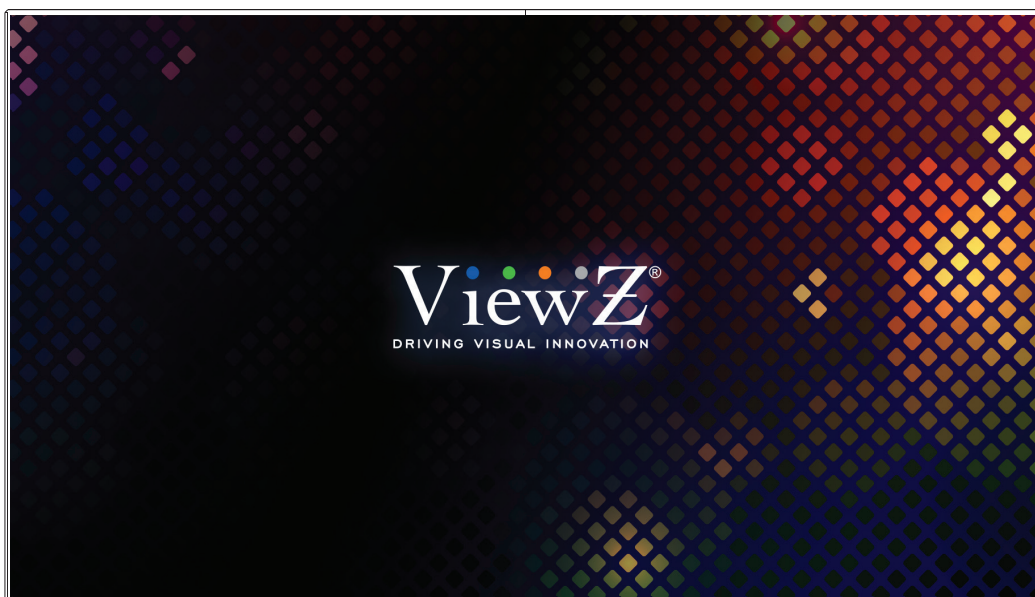


VZ-NB & UNB SERIES

46", 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.

CONTENTS

Safety Instruction	3
1. Mark Indication & Substance	4
2. Warning & Caution	4
3. FCC RF INTERFERENCE STATEMENT	6
4. RoHS Compliance	7
Installation	8
1 Features	9
2. Interface	10
Function	11
1. Remote Control Function	11
2. Monitor Button Function	12
3. RS-232 Commands	13
4. OSD Control and Function	14
5. USB Media Player	19
Mounting Guide	20
Specification	21
Trouble Shooting	23
RMA	24
Warranty	26

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 : 32°F ~ 104°F / 0°C ~ 40°C
- Operating Humidity : 20 ~ 85% 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 in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- 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.

► DOC COMPLIANCE NOTICE

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulation of Canadian Department of communications.

Statement

- VGA and XGA are the registered trademark of IBM.
- 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.

RoHS COMPLIANCE

Note

Name and contents of toxic and hazardous substances or elements contained in the product.

COMPONENT	FUNCTION				VALUE	
	(Pb)	(Hg)	(Cd)	(Cr ⁶⁺)	(PBB)	(PBDE)
LCD Screen	X	○	○	○	○	○
Housing (Case)	○	○	○	○	○	○
PCB assembly ¹⁾	X	○	○	○	○	○
Power cord & cable	X	○	○	○	○	○
Metal parts	○	○	○	○	○	○
Packing materials ²⁾	○	○	○	○	○	○
Remote controller	X	○	○	○	○	○
Speaker	X	○	○	○	○	○
Accessories ³⁾	○	○	○	○	○	○

1) PCB assembly includes the PCB and the electronic components composed by the PCB

2) Packing materials include the carton, expandable polystyrene and etc.

3) Accessories include User Manual and etc.

○ : The toxic and hazardous substance contain the homogeneous materials which components do not exceed the required limit, prescribed in the GB/T26572-2011 standards.

X : The toxic and hazardous substance contain one or more homogeneous materials which component exceeds the required limit, prescribed in the GB/T26572-2011 standards.

Based on the provided information, the product contains hazardous material. Due to the limitation of the existing technology, the hazardous material cannot be replaced, although we have been striving to improve this situation. The product has the Environmental Friendly Use Period (EFUP) of 10 years.

The EFUP is valid only when the user operates in normal conditions as specified in the user manual.



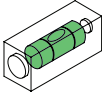

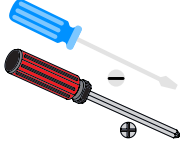

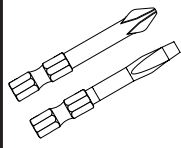
Indicative description of Regulations on Regulation on Recycling and Disposal of Waste Electrical and Electronic Products..

When you will not use this product anymore or warranty is expired, please dispose / send this product to the qualified recycling station near your area. It is ordered / regulated by the Regulation on Recycling and Disposal of Waste Electrical and Electronic Products.

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)	RS232 Cable (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 # WM71  | <ul style="list-style-type: none"> Tilting -15° ~ 0° Universal Mount Compatible with
49 / 55 NB
46 / 49 / 55 UNB | <ul style="list-style-type: none"> Part # XM  | <ul style="list-style-type: none"> Max. Weight 160lb Universal Mount Compatible with
49 / 55 NB
46 / 49 / 55 UNB |
|--|---|--|---|

Ceiling Mount

- | | |
|--|---|
| <ul style="list-style-type: none"> Part # CMKIT-04  | <ul style="list-style-type: none"> Tilting -12° ~ +5° Universal Mount 35" ~ 70" Compatible with
49 / 55 NB & 46 / 49 / 55 UNB |
|--|---|

FEATURES

Features

- Creates a seamless display effect in multi-screen splicing.
- Supports m rows and n columns ($1 \leq m \leq 10$, $1 \leq n \leq 10$) in splicing and 10 x10 at most.
- Remote control of RS232 serial port: each unit supports one RS232 input and loop-out
- 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
- AV (composite) ports support a loop-through connection in video wall usage
- Industrial cooling fan is equipped for heat dissipation and improved reliability, supporting 24/7 operation.

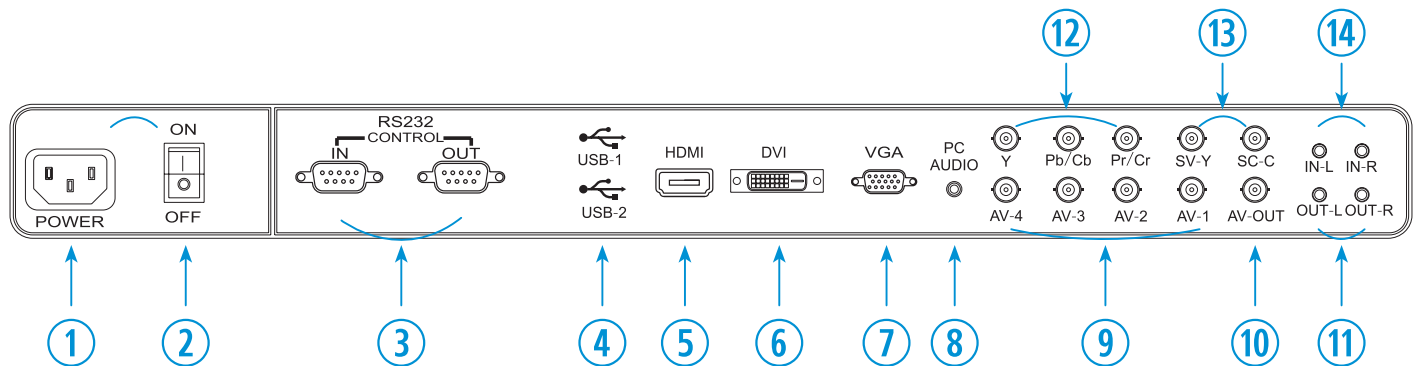
Description

- 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.

CONNECT EXTERNAL EQUIPMENTS

Interface Input Ports

The following image is the description of interface input ports

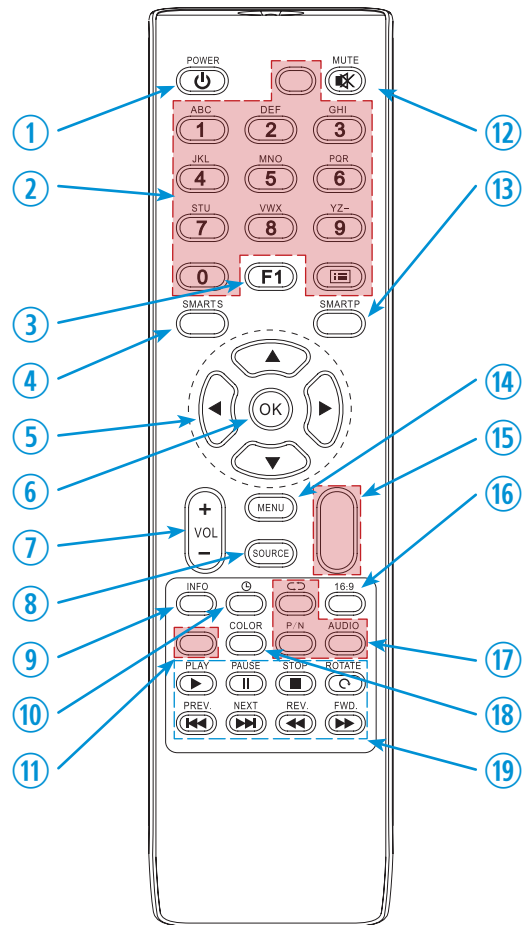


1. AC 110V IN
2. ON / OFF SWITCH
3. RS232 IN / OUT
4. USB IN #1 & #2
5. HDMI IN
6. DVI IN
7. VGA (15 Pin D-Sub) IN
8. PC STEREO OUT
9. AV(composite) 1-4 IN
10. AV(composite) OUT
11. AV AUDIO R/L OUT
12. Component (YPbPr - BNC) IN
13. S-VIDEO (Y/C - BNC) IN
14. AV AUDIO R/L IN

REMOTE FUNCTION

Remote Controller

1. **POWER** - Power On & Off
2. **No Function** - Number Key
3. **F1** - Freeze Display
4. **SMARTS** - Select Sound Mode
5. **ARROW** - OSD Control
6. **OK** - Current OSD Value Confirm
7. **VOLUME** - Adjust Volume
8. **SOURCE** - Change the Input Source
9. **INFO** - Input Source Information
10. **TIMER** - Select Sleep Mode
11. **No Function**
12. **MUTE** - Turn Off the Sound
13. **SMARTP** - Picture Mode
14. **MENU** - Enter the OSD
15. **No Function**
16. **16:9** - Select Aspect Ratio
17. **No Function** - LOOP, P/N, AUDIO
18. **COLOR** - Select Color Mode
19. **PLAY/PAUSE/STOP/ROTATE/prev./next/rev./fwd.** - USB Input Operation

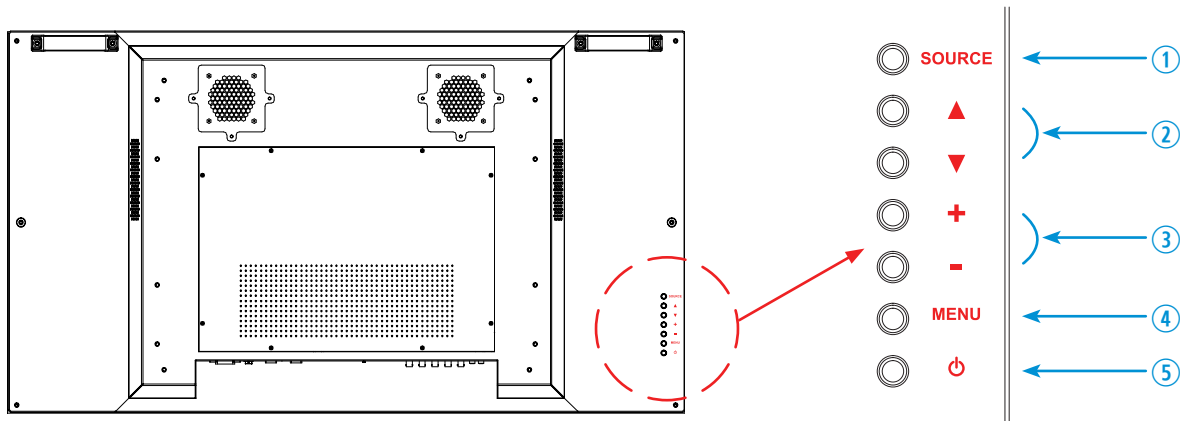


Display image, sound and custom settings can be adjusted in OSD (On Screen Display) menu by remote controller. To adjust monitor setting value:

1. Press the '**MENU**' button to enter the OSD menu
2. Press the '**SOURCE**' button, then press the ▲ / ▼ buttons to select input source
Press the '**OK**' button to select a desired input source
3. Press the '**F1**' button to freeze current display image
4. Press the ▲ / ▼ buttons to select the desired sub-menu. The selected sub-menu will be highlighted
5. Press the ◀ / ▶ buttons to change the value you wish to adjust
6. Press the '**MENU**' button to confirm / exit for saving adjustment value on sub-menu
7. Press the '**MUTE**' button to on / off audio of monitor

CONTROL AND FUNCTION

On Monitor, Button Control



- | | |
|--|---|
| 1. Source
Select an input source | 4. Menu
Enter or exit the OSD / Select a menu on OSD |
| 2. Up & Down ▲ ▼
Switch a menu on OSD | 5. Power
Monitor power on / off |
| 3. + / - (Left & Right ◀ ▶)
Change the value on selected menu
Click to change the audio volume | |

Monitor Button Function

All picture, sound settings and setup can be adjusted in OSD (On Screen Display) menu.

To adjust the OSD screen:

1. Press the **MENU** button to enter the **OSD MENU**
2. Press the **'SOURCE'** button, then press the ▲ / ▼ buttons to select input source
Press the **'SOURCE'** button to select a desired input source
3. Press the + / - buttons to select the desired **main-MENU**. The selected **main-MENU** is highlighted
4. Press the ▲ / ▼ buttons to select the desired **sub-MENU**. The selected **sub-MENU** is highlighted
5. Change the value you wish to adjust by using the + / - buttons
6. Press the **MENU** button to confirm the adjustment on **sub-MENU**
7. Press the **MENU** button to exit the **sub-MENU** and go back to the **main-MENU**
8. Press the **MENU** button to exit the **OSD MENU**

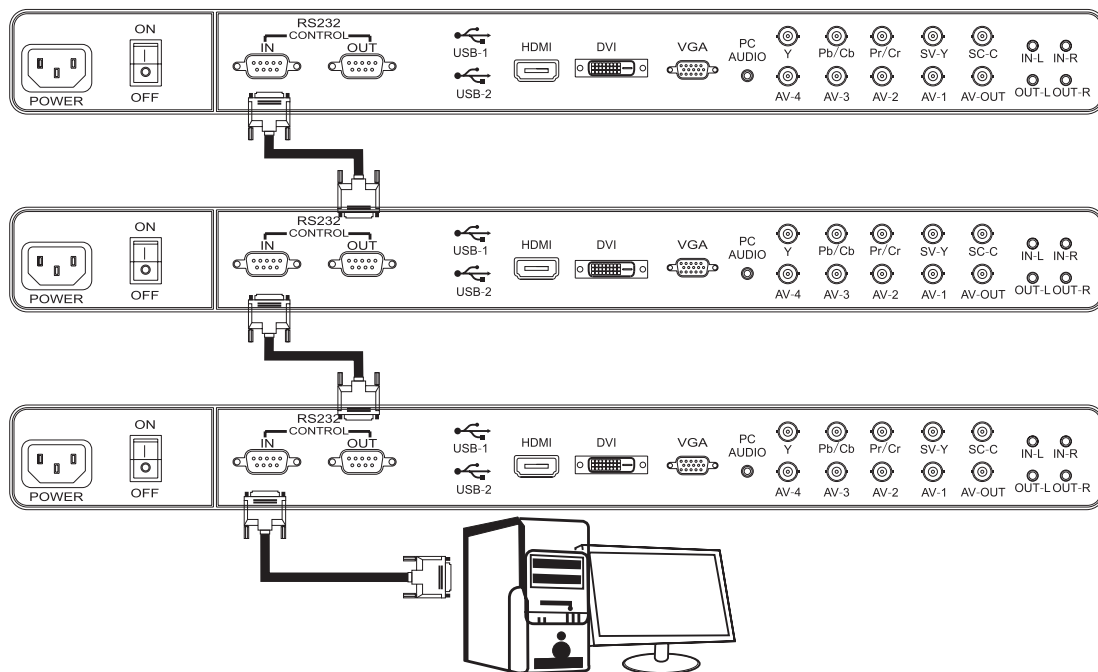
RS-232 COMMANDS

POWER On/Off RS 232 Communication Command & Relevant Configurations

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

- RS 232 communication settings
 - Baud rate : 9600 bps
 - Parity check bit : none
 - Data bit : 8 bits
 - Stop bit : 8 bits
- POWER ON/OFF RS232 communication command
 - POWER ON - RS232 command: 0 x 69 0 x D0 0 x C6
 - POWER OFF - RS232 command: 0 x E5 0 x FD 0 x 20 0 x 71 0 x 8C

The above commands are hexadecimal.



CONTROL AND FUNCTION

Select Input Source

Input source
AV 1
AV 2
AV 3
AV 4
S-VIDEO
YPbPr
PC
HDMI
DVI
USB1
USB2

Press 'SOURCE' button on monitor or on remote controller.

Press ▲ / ▼ button to change input source and then press **OK** button to select input source on monitor.

Press ▲ / ▼ button to change input source and then press **MENU** button to select input source on remote controller.

If you connect any input source, monitor will display current input source resolution and frequency.

Volume



Press the + / – buttons to adjust volume on monitor and remote controller

How to use OSD

Press **MENU** button on monitor or remote controller, to enter or exit main menu.

Press **MENU** button to return to the previous **MENU**.

Press the ◀ / ▶ buttons on remote **controller** or + / – buttons on monitor, to select a sub-menu such as PICTURE, SOUND, SETUP & PC.

Press the ▲ / ▼ buttons on remote **controller / monitor** to enter the selected sub-menu.

Press the ▲ / ▼ buttons on remote **controller / monitor** to select an item which need to be adjusted.

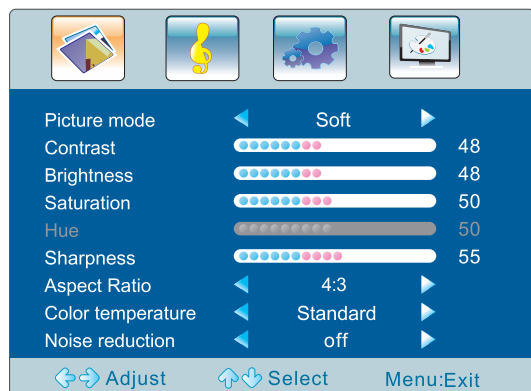
Press the ◀ / ▶ buttons on remote **controller** or + / – buttons on monitor, to change or set the value of selected one.

In operation, the unavailable function / value will be shown in gray.

This manual describes the operation of composite signal (Video 1) as an example. But PC (VGA) sub-menu is only available in VGA input.

CONTROL AND FUNCTION

Picture



FUNCTION		VALUE
BRIGHTNESS	Adjust the brightness	0 ~ 100
CONTRAST	Adjust the contrast	0 ~ 100
HUE ^{1) 2)}	Adjust the hue	0 ~ 100
SATURATION ²⁾	Adjust the color saturation	0 ~ 100
SHARPNESS ²⁾	Adjust the color sharpness	0 ~ 100
COLOR TEMP.	Adjust the color setting	See table below
ASPECT RATIO	Adjust the video format	See table below
PICTURE MODE	Adjust the image color setting	See table below
NOISE REDUCT. ²⁾	Reduce the noise	See table below

▲/▼ MOVE ◀/▶ SELECT(ADJUST) MENU RETURN

1) Only available in Composite (video) input

2) Not available in VGA input

PICTURE MODE	
BRIGHT	Reduce contrast and sharpness
USER	Apply user selected values - brightness, contrast, color and hue
SOFT	Provide enhanced contrast and sharpness
STANDARD	Provide standard contrast and sharpness

ASPECT RATIO	
Full ^{1) 2) 3) 4)}	Set the image size to fit the screen resolution
4 : 3 ^{1) 2) 3) 4)}	Set the image size to 4 : 3
PC Mode ³⁾	Stretch the input image to fit the screen with 16:9 ratio

1) VGA-input support

2) AV-input support

3) HDMI-input support

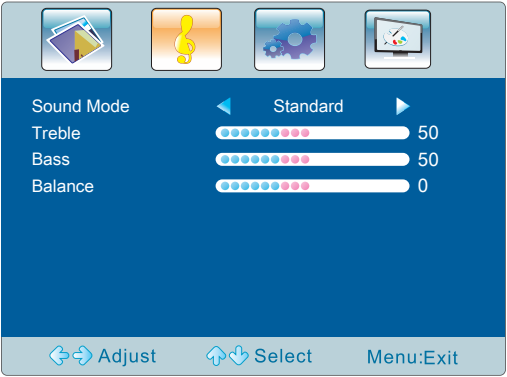
4) BNC-input support

COLOR TEMP.	
WARM	Give the white color a reddish tint
STANDARD	Give the white color a neutral tint
COOL	Give the white color a blue-ish tint

NOISE REDUCTION	
OFF-LOW-MID-HIGH	Estimates the amount of noise automatically and applies suitable noise reduction processing

CONTROL AND FUNCTION

Sound



▲/▼ MOVE ◀/▶ SELECT(ADJUST) MENU RETURN

FUNCTION		VALUE
SOUND MODE	Select one of the presets	USER / MUSIC / MOVIE / STANDARD
TREBLE	Adjust the treble level	0 ~ 100
BASS	Adjust the bass level	0 ~ 100
BALANCE	Adjust the balance between left & right channel	-50 ~ 50

CONTROL AND FUNCTION

Setup - OSD

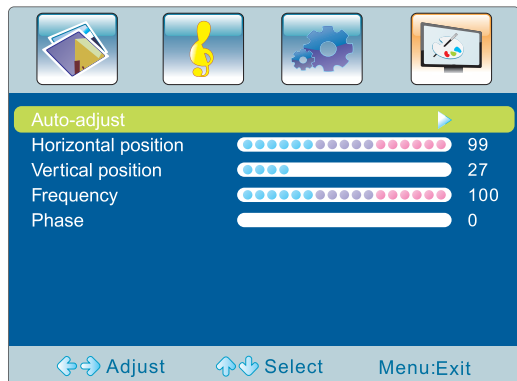


▲/▼ MOVE ◀/▶ SELECT(ADJUST) MENU RETURN

FUNCTION		VALUE
OSD LANGUAGE	Set the language of the OSD menu	English, Chinese
OSD DISPLAY TIME	Set the OSD display time	15, 30, 45 & 60 sec
OSD TRANSPARENCY	Set the OSD MENU transparency	0 ~ 100
BLUE SCREEN	Set the blue display whether or not detect signal input	ON / OFF
SLEEP TIME	Set the timer for auto standby	OFF, 15, 30, 45, 60, 90, 120 or 240 min.
RESET	Reset the monitor settings to the factory default	

CONTROL AND FUNCTION

Advance



▲/▼ MOVE ◀/▶ SELECT(ADJUST) MENU RETURN

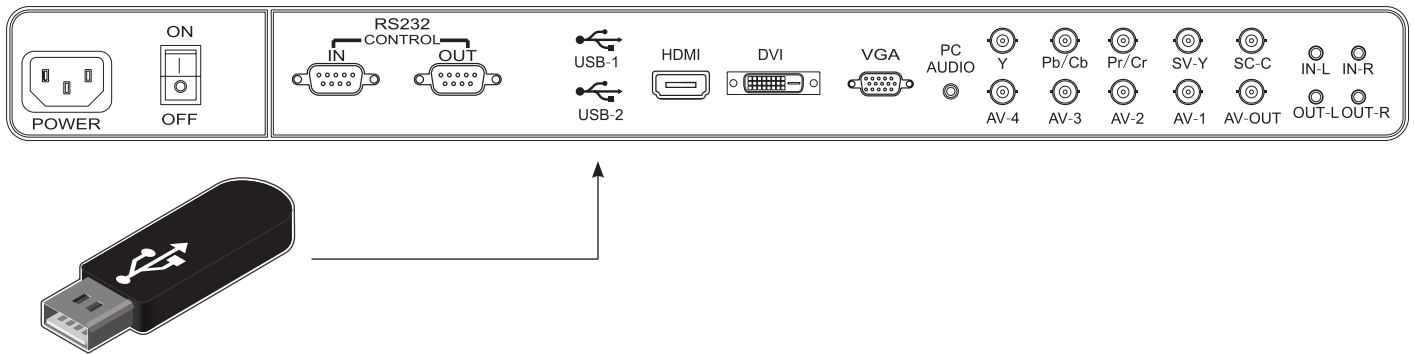
FUNCTION		VALUE
H-POSITION ¹⁾	Adjust the horizontal picture position	1 ~ 100
V-POSITION ¹⁾	Adjust the vertical picture position	1 ~ 100
FREQUENCY ¹⁾	Adjust the number of horizontal picture elements	1 ~ 100
PHASE ¹⁾	Adjust the vertical noise of screen image	1 ~ 100
AUTO ADJUST	Adjust the screen automatically	Press ► button on remote controller to set auto adjust for screen

1) Only available in VGA input

USB MEDIA PLAYER

Specification

On remote controller, use PLAY / PAUSE / STOP / ROTATE / PREV. / NEXT / REV. / FWD buttons to operate USB media player.



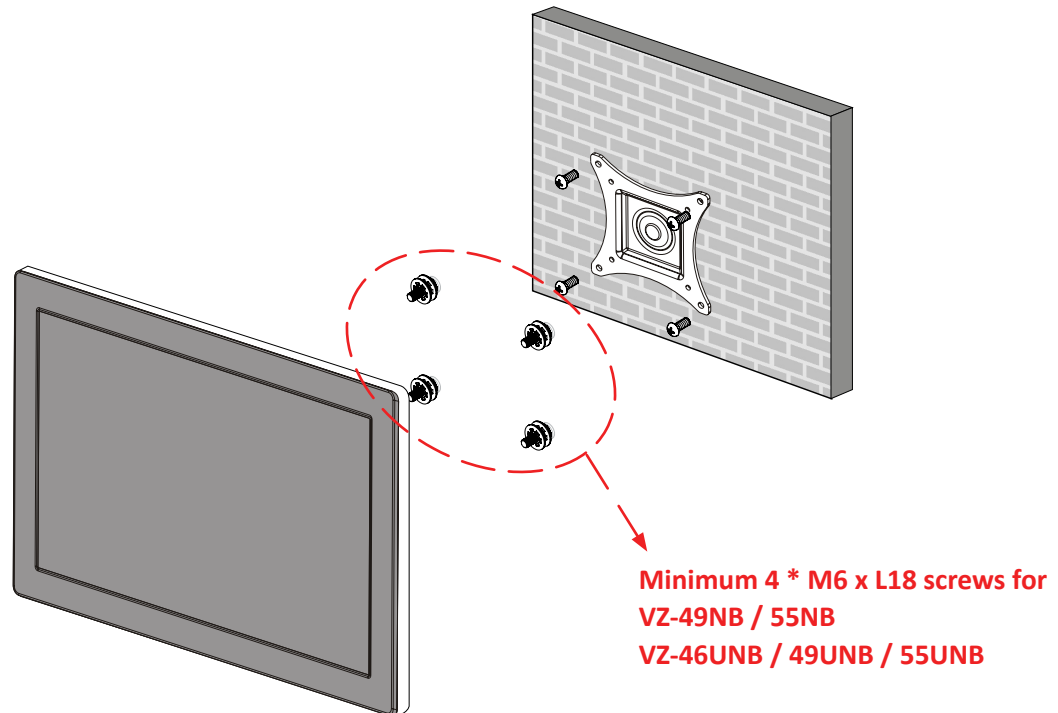
Support

Video Codec	WMA/WMV, AAC, AC3, DIVX, MPEG, H264, VC1, AVS, FLV, RM/RMVB
Video Format	MPEG, AVI, MOV, MP4, MKV, RM, RMVB
Image Format	JPEG, PNG, BMP
Music Format	mp3, mp4, wma
Text Format	TXT (raw text file only)
Capacity	Max 16GB

MOUNTING GUIDE

Wall Mounting (Optional)

VZ-NB / UNB monitors are suitable for universal wall mount (not included).



1. VZ-49NB & VZ-55UNB : Universal WALL MOUNT 600 x 94 x 200 x 94mm
2. VZ-46UNB, VZ-49UNB & VZ-55UNB : Universal WALL MOUNT 600 x 94 x 200 x 94mm

! WARNING !

If user uses screws bigger and longer than
M6 x L18 mm for VZ-55UNB, VZ-49UNB & VZ-46UNB, VZ-49NB, VZ-55NB

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-49NB	VZ-55NB
Size & Type		49"	55"
LCD	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	700 cd/m ²	
	Contrast Ratio	1300 : 1	
	Viewing Angle	178° / 178°	
	Display Color	1.07 Billion Colors (10 Bit)	
	Response Time	8 ms (Gray to Gray)	
Bezel width (T / B / L / R)		0.23" / 5.9 mm	0.23" / 5.9 mm
Active to Active Bezel		0.46" / 11.8 mm	0.46" / 11.8 mm
Resolution		1920 (H) x 1080 (V)	
Case Type		Black Metal	
Active Display Area (mm)		1073.8 (H) x 604.0 (V)	1209.6 (H) x 680.4 (V)
Aspect Ratio		16 : 9	
Frequency		57-70 kHz(H) / 47-63 Hz(V)	
Color Temperature		Warm / Standard / Cool	
Speaker		2 x 10W	
Operating Temperature		32°F ~ 122°F / 0°C ~ 50°C	
Storage Temperature		-4°F ~ 140°F / -20°C - 60°C	
Operating Humidity		20 ~ 85% RH	
Storage Humidity		10 ~ 90% RH	
Weight		Net : 54.01 lb / 24.5 kg	Net : 66.91 lb / 30.35 kg
		Gross : 59.52 lb / 27.0 kg	Gross : 83.77 lb / 38.0 kg
INTERFACE		VIDEO #1 (1ch loop-through out), VIDEO #2, VIDEO #3, VIDEO #4	
		YPbPr 1, S-Video(Y,C - BNC) 1, VGA (15Pin D-Sub) 1, DVI 1, HDMI 1, USB 2	
		RCA (AUDIO) INPUT / OUTPUT, PC STEREO INPUT	
Safety & EMC Certification		FCC / RoHS	
Electrical Ratings		AC 100-240V, 50/60Hz, 2.0A	AC 100-240V, 50/60Hz, 3.5A
Power Consumption		≤ 140 W (Max) / 0.5 W (Standby)	≤ 150 W (Max) / 1.25 W (Standby)
Accessories		RS232 cable, AC 110V Power cable, User's Manual, Remote controller	

SPECIFICATION

Model No.		VZ-46UNB	VZ-49UNB	VZ-55UNB
Size & Type		46"	49"	55"
LCD	Panel Type	46" LED Backlit Monitor	49" LED Backlit Monitor	55" LED Backlit Monitor
	Pixel Pitch (mm)	0.53025 (H) x 0.53025 (V) mm	0.55926 (H) x 0.55926 (V) mm	0.63025 (H) x 0.63025 (V) mm
	Brightness	500 cd/m ²	450 cd/m ²	500 cd/m ²
	Contrast Ratio	3500 : 1	1300 : 1	1400 : 1
	Viewing Angle	178° / 178°		
	Display Color	16.7 Million Colors	1.07 Billion Colors (10 Bit)	1.07 Billion Colors (10 Bit)
	Response Time	8 ms (Gray to Gray)	12 ms (Gray to Gray)	12 ms (Gray to Gray)
Bezel width (T / B / L / R)		2.5 / 1.4 / 2.5 / 1.4 mm	2.3 / 1.2 / 2.3 / 1.2 mm	2.3 / 1.2 / 2.3 / 1.2 mm
Active to Active Bezel		0.15" / 3.9 mm	0.149" / 3.5 mm	0.149" / 3.5 mm
Resolution		1920 (H) x 1080 (V)		
Case Type		Black Metal		
Active Display Area (mm)		1018.08 (H)x 572.67 (V) mm	1073.8 (H) x 604.0 (V) mm	1209.6 (H) x 680.4 (V) mm
Aspect Ratio		16 : 9		
Frequency		54-70 kHz(H) / 48-62 Hz(V)	57-70 kHz(H) / 47-63 Hz(V)	57-70 kHz(H) / 47-63 Hz(V)
Color Temperature		Warm / Standard / Cool		
Speaker		2 x 10W		
Operating Temperature		32°F ~ 122°F / 0°C ~ 50°C		
Storage Temperature		-4°F ~ 140°F / -20°C - 60°C		
Operating Humidity		20 ~ 85% RH		
Storage Humidity		10 ~ 90% RH		
Weight		Net : 46.29 lb / 21.0 kg	Net : 55.77 lb / 25.3 kg	Net : 70.54 lb / 32.0 kg
		Gross : 61.72 lb / 28.0 kg	Gross : 72.75 lb / 33.0 kg	Gross : 90.38 lb / 41.0 kg
INTERFACE		VIDEO #1 (1ch loop-through out), VIDEO #2, VIDEO #3, VIDEO #4		
		YPbPr 1, S-Video(Y,C - BNC) 1, VGA (15Pin D-Sub) 1, DVI 1, HDMI 1, USB 2		
		RCA (AUDIO) INPUT / OUTPUT, PC STEREO INPUT		
Safety & EMC Certification		FCC / RoHS		
Electrical Ratings		AC 100-240V, 50/60Hz, 2.8A	AC 100-240V, 50/60Hz, 2.0A	AC 100-240V, 50/60Hz, 3.5A
Power Consumption		≤ 140 W (Max) / 0.5 W (Standby)	≤ 200 W (Max) / 0.5 W (Standby)	≤ 240 W (Max) / 0.5 W (Standby)
Accessories		RS232 cable, AC 110V Power cable, User's Manual, Remote controller		

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	<ul style="list-style-type: none"> - 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 - Check brightness and see if brightness is set to 'Ø' - Check video source
Incorrect display or Half display	<ul style="list-style-type: none"> - Check your video source - Reset video source : connection, cable replacement, setting & more
Flickering and shadow image	<ul style="list-style-type: none"> - Check your input source setting for resolution and phase (Hz)
The audio function is not working	<ul style="list-style-type: none"> - Check the volume and make sure MUTE is not on - Check HDMI / BNC / Audio port cable connection
LED is flickering or no image	<ul style="list-style-type: none"> - 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 of 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 users 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 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

[illegible]

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
177 W. Orangethorpe Ave.
Placentia, CA 92870

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

NORTH AMERICA
177 W. Orangethorpe Ave.
Placentia, CA 92870
USA and Canada
Phone: 1-888-998-4399
Fax: 1-714-996-1138
Other Locations
Phone: (001) 888-998-4399
Fax: (001) 714-996-1138

© ViewZ USA