SMART AD PVM SERIES

PUBLIC VIEW MONITOR OSD

ANDROID PORTRAIT IP PVM OSD USER MANUAL

ViewZ®
www.viewzusa.com

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

CONTENTS

SAFETY INSTRUCTION

Important Safety Instruction

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 and the third prong are 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 not be placed near the monitor.

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

SAFETY INSTRUCTION

Important Safety Instruction

Mark Indication and Substance

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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 INSTRUCTION

Important Safety Instruction

⚠ 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 minimum 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 ~ 122°F / -10°C ~ 50°C
- Operating Humidity : 20 ~ 70% 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.

► 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.

WIRING

WIRING (DC 24V input only)

1. On the back of the monitor, loosen the thumb screws and lower the access panel.
2. Attach the leads from the power supply (supplied) to the left and right connectors.

⚠ **WARNING:** Do not connect a ground to the center post. Please be careful of voltage polarity.

3. When finished, secure the access panel.
   Table A shows the recommended maximum wiring distances (transformer to load), and are calculated with a 10-percent voltage drop.

Input : Power Source output terminal / Output : Set input terminal   VZ-DC24-320 (Power Transformer) Test Result

32" Smart AD PVM - 3 MONITORS - VZ-PVM-P4B3 & P4W3									
Cable Type - 18AWG (Current : 12~19 A)	1 Set of IP-PVM-P			2 Set of IP-PVM-P			3 Set of IP-PVM-P		
ft / meter	DC 24V	DC 27V	Max. V	DC 24V	DC 27V	Max. V	DC 24V	DC 27V	Max. V
100 ft / 30.48 m	tested	tested	tested	tested	tested	tested	tested	tested	tested
150 ft / 45.72 m	tested	tested	tested	tested	tested	tested	tested	tested	tested
200 ft / 60.96 m		tested	tested		tested	tested		tested	tested
250 ft / 76.20 m									
300 ft / 91.44 m				Not Recommended					
350 ft / 106.68 m									

INSTALLATION

Installation Tools

The following tools may be required depending on your installation.

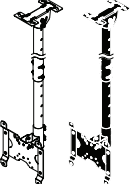| Electronic Stud Finder	Pencil	Protective Eye-wear	Level	Phillips Screwdriver
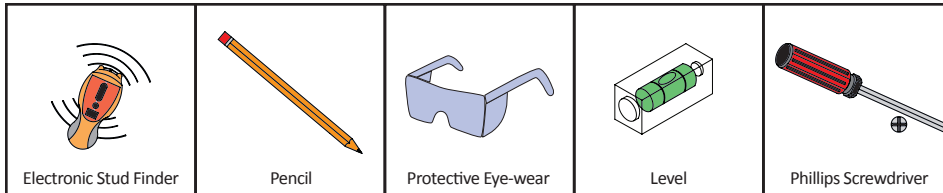
Assembly Components - provided

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.

Smart AD Public View Monitor (Qty 1)	110V Power Cable (Qty 1)	DC24V Connector (Qty 1)	User Manual (Qty 1) Remote Controller (Qty 1)

Mounting Option

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

Mount

- Part #   **CM-308**
  - Tilting -5° ~ 45°
  - Rotation 360°
  - Black / White
  - **Poll : 3 ~ 18 ft**
    32 & 43" PVM

- Part #   **CMKiT-02**
  - Tilting -12° ~ +5°
  - Rotation 360°
  - **Poll : 35" ~ 70"**
    32 & 43" PVM

- Part #   **AM02-A**
  - Tilting -20° ~20°
  - Swivel 180°
  - VESA 75 ~ 200
    32" PVM

CONNECT EXTERNAL EQUIPMENTS

Interface Input Ports

The following image is the description of interface input ports
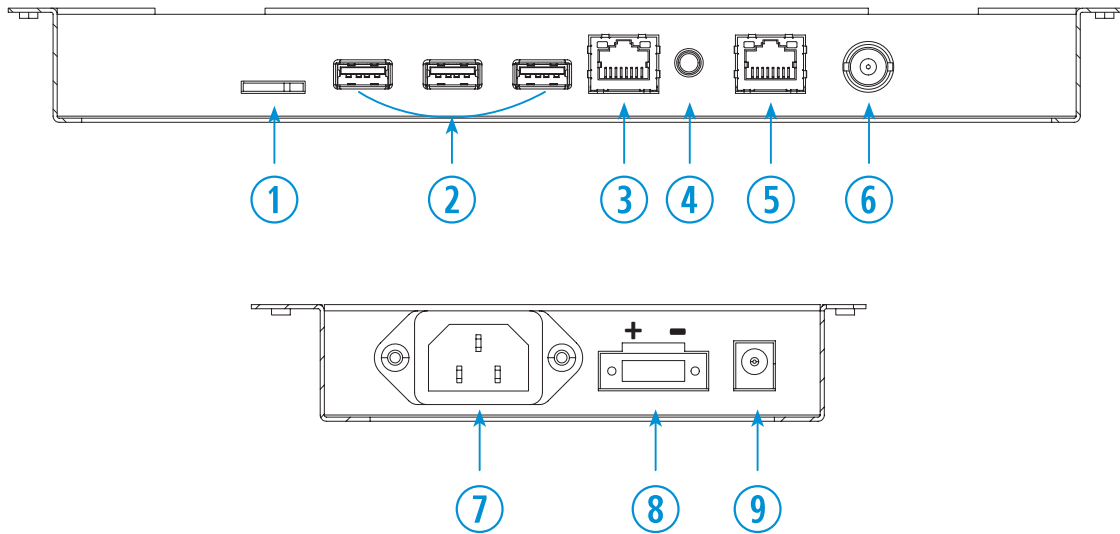
1. Micro SD Card IN
2. USB IN x 3
3. RJ 45 (Ethernet) IN
4. AUDIO OUT
5. CAMERA IP(Ethernet) OUT
6. CAMERA CVBS OUT
7. AC 110V IN
8. DC 24V IN
9. DC 12V OUT

⚠ Warning

When you plugin into the green terminal connector (DC24V), please be careful about the **+** & **-** sign.
If you do not follow the **+** & **-** sign, it causes a serious damage to the monitor.

REMOTE FUNCTION

Remote Controller

Remote Controller
1. **Power**
2. **Mute** - Turn off the sound
3. **Menu** - Enter / Exit OSD
4. **Exit** - Exit OSD with saving current value
5. **Left & Right** ◄(VOL)►, **Up & Down** ▲▼
6. **Enter** - Select current setting value on Input source

CMS Player Controller
1. **Power**
2. **N / A**
3. **Setup** - Enter the android settings
4. **Home** - Open the android desktop
5. **Left & Right** ◄ ►, **Up & Down** ▲▼
6. **Enter** - Confirm the selection
7. **N / A**
8. **Back** - Go back to previous menu / Open player menu during playing CMS contents
9. **Volume Up**
10. **Volume Down**
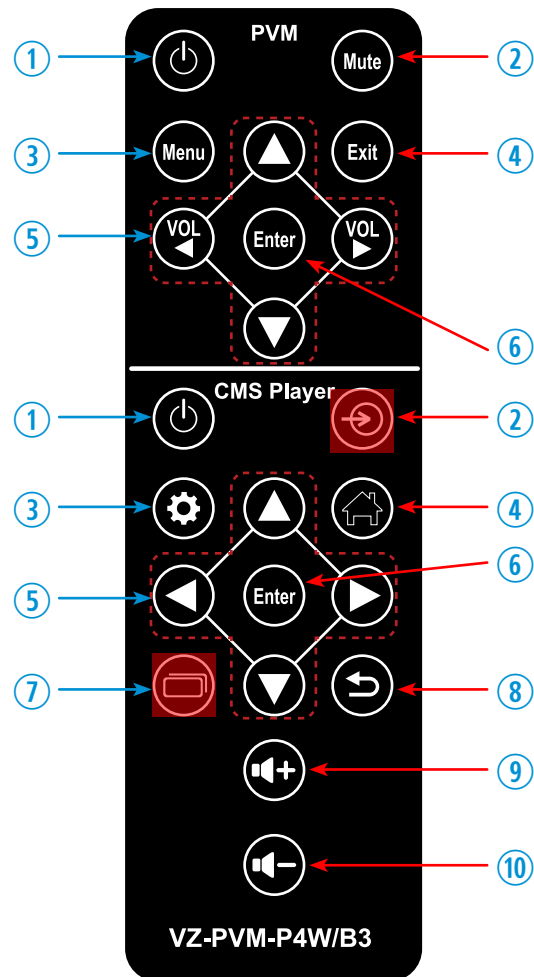
Display image, sound and custom settings can be adjusted in OSD (On Screen Display) menu by remote controller.
To adjust monitor setting value :

1. Press the **'MENU'** button to enter the OSD menu
2. Press the ◄ / ► / ▲ / ▼ buttons to select the desired sub-menu. The selected submenu will be highlighted
3. Press the **'ENTER'** button to enter the sub-menu for adjusting items
4. Change the value you wish to adjust by using the ◄ / ► buttons
5. Press the **'ENTER'** button to confirm / exit for saving adjustment value on sub-menu
6. Without entering OSD MENU, press ◄ / ► buttons to adjust the audio volume
7. Press the **'MUTE'** button to on / off audio - audio only works with VGA / AV input

CONTROL AND FUNCTION

On Monitor, Front Area
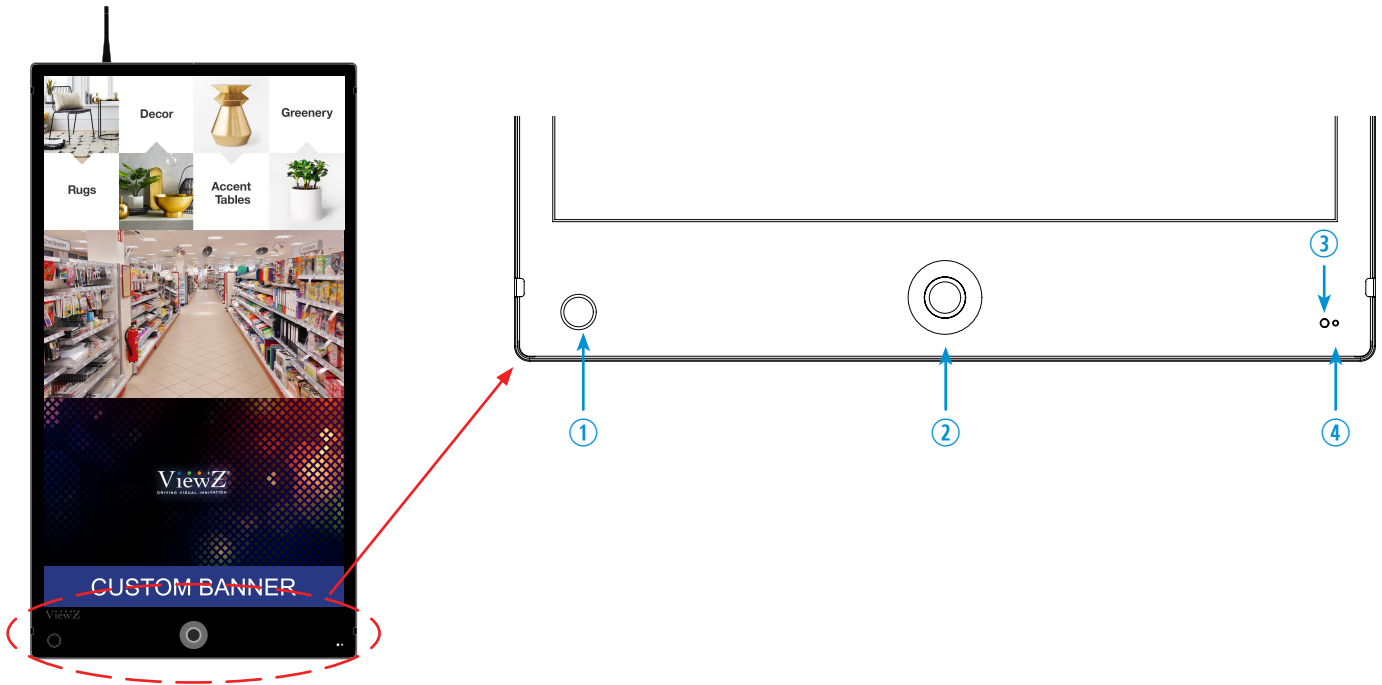
1. **LED Indicator**
   Green color: monitor on
   Red color : monitor off
2. **Built-in Camera / Motion Detection**
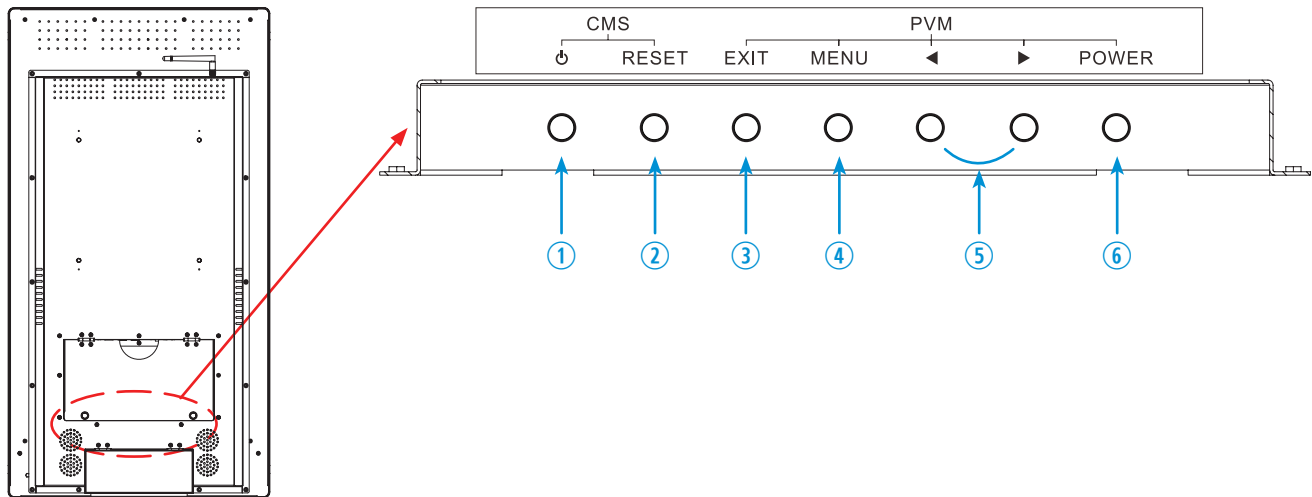   The monitor will display the built-in camera's video
   Built-in camera has the motion detection function

3. **IR Sensor**
   Sensor for the remote controller
4. **Recording Indicator LED**
   User can choose a blinking LED color - red, blue, purple and no color.

CONTROL AND FUNCTION

On Monitor, Button Control

1. Power
   To turn the android system power on / off
2. Reset
   Resets the android settings to the factory default

3. Exit
   To exit the OSD
4. Menu
   To enter or exit the OSD / Select a menu on OSD
5. Left & Right ◄ (VOL) ►
   To switch or change the value on the selected menu
6. Power
   To turn the monitor power on / off

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 ◄ / ► buttons to select the desired **main-MENU**. The selected **main-MENU** is highlighted
3. Press the ◄ / ► buttons to select the desired **sub-MENU**. The selected **sub-MENU** is highlighted
4. Change the value you wish to adjust by using the ◄ / ► buttons
5. Press the **MENU** button to confirm the adjustment on **sub-MENU**
6. Press the **EXIT** button to exit the **sub-MENU** and go back to the **main-MENU**
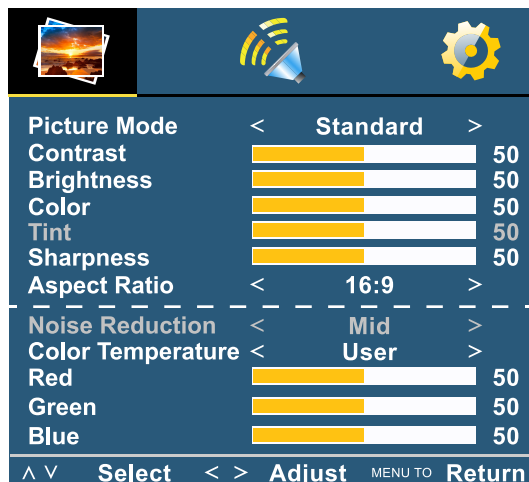7. Press the **EXIT** button to exit the **OSD MENU**

CONTROL AND FUNCTION

Volume

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Press ◄ / ► buttons to adjust volume on monitor
Press ◄ / ► buttons to adjust volume on remote controller

CONTROL AND FUNCTION

Picture

	FUNCTION	VALUE
PICTURE MODE	Adjust the image color setting	See table below
CONTRAST	Adjust the contrast	0 ~ 100
BRIGHTNESS	Adjust the brightness	0 ~ 100
COLOR	Adjust the color saturation	0 ~ 100
TINT 1)	Adjust the tint	0 ~ 100
SHARPNESS 2)	Adjust the sharpness	0 ~ 100
ASPECT RATIO	Adjust the video format	See table below
NOISE REDUCTION	Reduce noise of the display image	MID
COLOR TEMP	Adjust the color setting	See table below

1) & 2) is fixed value

Picture Mode < Standard >
Contrast 50
Brightness 50
Color 50
Tint 50
Sharpness 50
Aspect Ratio < 16:9 >
Noise Reduction < Mid >
Color Temperature < User >
Red 50
Green 50
Blue 50
∧ ∨ Select < > Adjust MENU TO Return

▲/▼ MOVE ◄/► SELECT(ADJUST) MENU RETURN

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

ASPECT RATIO	
16 : 9	Set the image size to 16 : 9
4 : 3	Set the image size to 4 : 3

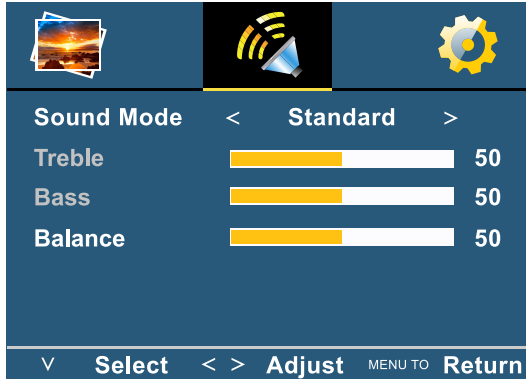| COLOR TEMP.	
WARM	Give the white color a reddish tint
NORMAL	Give the white color a neutral tint
COOL	Give the white color a blue-ish tint
USER1)	Set custom color temperature

1) To set custom color temperature (R,G,B values), select "USER" to set color temperature. Keep pushing 'Down' button on the monitor or the remote controller, then you will see Red, Green and Blue option

CONTROL AND FUNCTION

Sound

Sound Mode   <   **Standard**   >

Treble		50
Bass		50
Balance		50

∨   Select   < >   Adjust   MENU TO   Return

▲/▼ MOVE ◄/► SELECT(ADJUST) MENU RETURN

FUNCTION		VALUE
SOUND MODE	Selects one of the presets	USER / SPORTS / MUSIC / MOVIE / STANDARD
TREBLE	Adjust the treble level	0 ~ 100
BASS	Adjusts the bass level	0 ~ 100
BALANCE	Adjust the balance	0 ~ 100

CONTROL AND FUNCTION

System - OSD SETUP

OSD Language	< English >	
Restore User Default	>	
No Signal Screen	< Black >	
No Signal Standby	< on >	
Prevent Burn-in	< on >	

∧ ∨   Select   < > Adjust   MENU TO Return
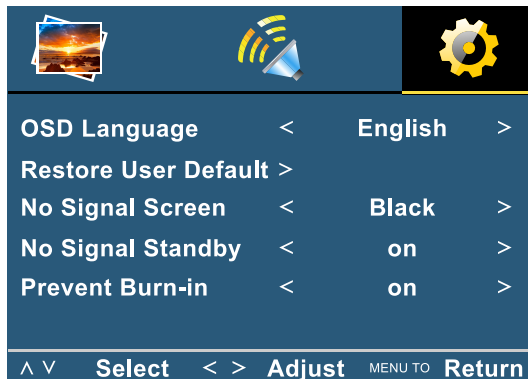
▲/▼ MOVE ◄/► SELECT(ADJUST) MENU RETURN

	FUNCTION	VALUE
OSD LANGUAGE	Sets the language of the OSD menu	English, Spanish, French Russian, Portuguese
RESTORE USER DEFAULT	Reset the monitor settings to the factory default	
NO SIGNAL SCREEN	Set the standby mode screen as blue or black (default) color	Blue, Black
NO SIGNAL STANDBY	Monitor will go into a standby mode when no input source is detected	ON / OFF
PREVENT BURN-IN	Set periodic image retention	ON / OFF

WIRELESS CONNECTION

Caution

⚠️ ViewZ Smart AD PVM can connect to the internet or intranet via wireless. The wireless router lets you access from your network anywhere within the operating range of your wireless network. However, the operating distance or range of your wireless connection can vary significantly depending on the physical placement of your router. For example, the thickness and number of walls the wireless signal passes through can limit the range.
Additionally, other wireless access points in and around your home might affect your router's signal. Wireless access points are routers, repeaters, WiFi range extenders, or any other device that emits a wireless signal for network access.

❗ Place your router near the center of the area where ViewZ Smart AD PVM operate or place the router in an elevated location, minimizing the number walls and ceilings between the router and **ViewZ Smart AD PVM**.

❗ Place **ViewZ Smart AD PVM** away from electrical devices such as these:
- Ceiling fans, Home security systems
- Microwaves, Computers
- Base of a cordless phone, 2.4 GHz cordless phone

❗ Place **ViewZ Smart AD PVM** away from large metal surfaces, large glass surfaces, and insulated walls such as these:
- Solid metal door, Aluminum studs
- Fish tanks, Mirrors, Brick, Concrete

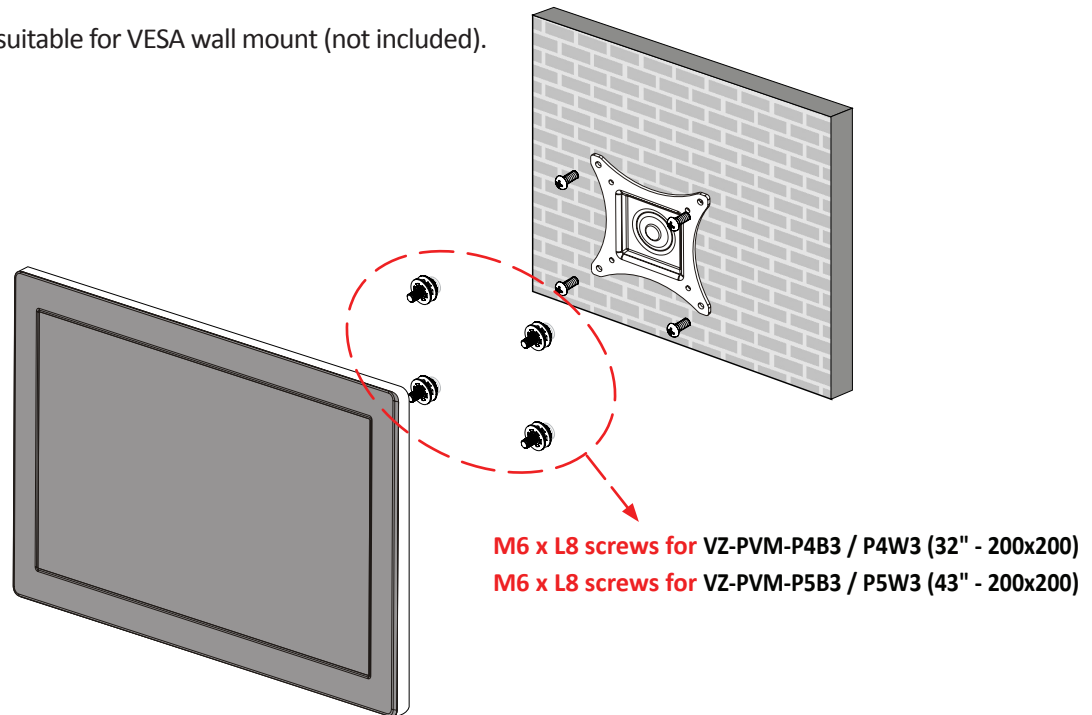⚠️ ViewZ recommends using a **wired connection** via RJ-45 for solid connection speed & reliability.

⚠️ **Please do not use hot-spot device to connect Intenet**. It looks like hot-spot device can let you connect Smart AD PVM to the Internet. However, hot-spot devices can interfere with the normal IP/DNS address.
ViewZ strongly recommends **using clean/normal router** to provide Internet to Smart AD PVM.

MOUNTING GUIDE

Wall Mounting (Optional)

VZ-PVM monitors are suitable for VESA wall mount (not included).

M6 x L8 screws for VZ-PVM-P4B3 / P4W3 (32" - 200x200)
M6 x L8 screws for VZ-PVM-P5B3 / P5W3 (43" - 200x200)

VZ-PVM-P4B3/P4W3 : VESA WALL MOUNT 200mm x 200mm
VZ-PVM-P5B3/P5W3 : VESA WALL MOUNT 200mm x 200mm

❗ Attention!
VZ-PVM-P4B3/P4W3 & VZ-PVM-P5B3/P5W3 : You must use 4 * M6 x L8 screws to assemble this monitor and the wall mount bracket.

❗ WARNING !
If user uses screws longer than
M6 x L8 mm for 200 x 200 - VZ-PVM-P4B3/P4W3 & VZ-PVM-P5B3/P4W3
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.

SPECIFICATION

Model No.		VZ-PVM-P4B3 / P4W3	VZ-PVM-P5B3 / P5W3
Size & Type		32"	43"
LCD	Panel Type	32'' LED Backlit Monitor	43'' LED Backlit Monitor
	Pixel Pitch	0.36375 (H) x 0.36375 (V) mm	0.4902 (H) x 0.4902 (V) mm
	Brightness	250 cd/m²	250 cd/m²
	Contrast Ratio	4000 : 1(Typ.)	1200 : 1(Typ.)
	Viewing Angle	R/L : 89°/ 89° U/D : 89°/ 89°	R/L : 89°/ 89° U/D : 89°/ 89°
	Display Color	16.7 Million Colors	16.7 Million Colors
	Response Time	< 6.5 ms	< 8 ms
	Resolution	1080 (H) x 1920 (V)	1080 (H) x 1920 (V)
	Active Display Area	396.8 (H) x 702.4 (V) xmm	532.2 (H) x 944 (V) xmm
	Aspect Ratio	9 : 16	9 : 16
Case Type		Metal	Metal
Color Temperature		Warm / Normal / Cool	Warm / Normal / Cool
Speaker		2 x 5W	2 x 5W
Operating Temperature		14°F ~ 122°F / -10°C ~ 50°C	14°F ~ 122°F / -10°C ~ 50°C
Operating Humidity		20 ~ 70% RH	20 ~ 70% RH
Weight		Net : 39.68 lb / 18.0 kg Gross : 50.07 lb / 23.0 kg	Net : 24.4 kg / 54.79 lbs Gross : 32 kg /70.54 lbs
INTERFACE		CAMERA OUT (RJ-45 x 1, CVBS x 1), USB IN x 3, SD Card(TF) IN x 1, RJ-45(CMS) IN x 1, Audio OUT x 1	
Safety & EMC Certification		CE / FCC / ROHS	
Electrical Ratings	AC IN	AC 110-240V, 50/60Hz	
	DC 24V IN	24V ⎓ 3.0A	
Power Consumption		≤ 50 W	≤ 68 W
Accessories		HDMI cable, Power Supply & Cable, User's Manual, Remote controller	

SPECIFICATION

Camera Specification

	Parameters	Description
Production Information	Product Name	2MP IP module
Main Chipset	Encode Chipset	Hi3516D
	Sensor	SONY IMX290
Camera	Resolution	1080 (W) x 1920(H)
	Video System	NTSC / PAL
	Product Name	2MP IP module
	Digital Zoom	Support
	Minimum illumination	Color: 0.01Lux@ (F1.2, AGC ON) / B&W: 0.001Lux@(F1.2, AGC ON)
	Day & Night Mode	Support
	Removable Optical Filter	Support
	Electronic Shutter Speed	1 sec to 1/10000 sec
	Gain Control	Support
	White Balance	Auto
	Wide Dynamic Range (WDR)	Support WDR
	BLC	Support
	Highlight Compensation	Support
Lens	Lens Type	Vari-Focal
	Focal Length of the Lens	2.8 ~ 12mm
	Auto Iris	Support
External interface	Network Interface	RJ45 10 /100 Base-T
	CVBS Output	Support
	Reset Button	Support
Video	Video Encode	H.264 BP/HP/MP/MJPEG
	Video Resolution and Frame Rate	NTSC 60Hz:30fps / PAL 50Hz:25fps Main stream: 1920*1080/1280*720 Sub stream: 1280*720/D1/VGA
	Video Bit Rate	1Mbps-8Mpbs,support CBR/VBR
	Multi-Stream	Main stream ,sub stream
	Image Correction	corridor mode,saturation,brightness,contrast,sharpness
	Stream Type	VBR/CBR
	S/N Ratio	≥ 50 dB (AGC OFF)
	DNR	Auto/Manual support 3D DNR
Network	Integration Protocol	ONVIF 2.4 (supported)
	Network Protocol	TCP/IP,UDP,SMTP,HTTP,FTP,PPPOE,DHCP,DNS,DDNS,UPNP,RTP,RTSP
	Streaming Mode	Unicast
	Concurrent Access (# of Users)	10 users (Maximum 3ch 1080P)
	User Rights	Two roles: administrator and common users. The administrator can assign common users different rights.
WEB application	Language	English default
	Browser	Windows IE6,7,8,9,11 / Firefox (broken layout) / chrome (error)

TROUBLESHOOTING GUIDE

ViewZ

- 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 power 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	- 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 / 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 at 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

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 the sole discretion of ViewZ USA, 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 many 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

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