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21.5" LED AHD Mega Pixel Monitor with BNC and HDMI

LMV-215CF



User Manual

Please read these instructions carefully before operating the unit
and keep for further reference.

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Manufacturer reserves the right to upgrade the product without notice.

IMPORTANT SAFETY INFORMATION

ENVIRONMENT

- Do not install the monitor outdoors or in any hostile environment. To prevent fire or electric shock, do not expose the monitor to rain or moisture. Avoid placing the monitor in areas subject to extreme temperatures such as direct sunlight or near heating appliances/equipment (such as amplifiers, etc) as this may result in overheating and damage.
- This monitor is designed to be used in an office or at home. Do not subject it to vibrations, dust or corrosive gases.
- To obtain a clear picture, do not expose the screen to direct illumination or sunlight. Using the monitor against a bright background or where sunlight and other light sources can shine directly on to the monitor can increase eye fatigue.

POWER CORD

- Neither the monitor nor any other heavy objects should rest on the power cord.
- Protect the power cord from being walked on or pinched.
- Firmly grasp the plug when disconnecting the power cord. Do not pull the power cord itself.
- Do not modify or damage the cord. Damage to a power cord can cause fire or electric shock.
- This monitor is designed to operate on a 100-240V AC supply. Take caution in connecting it to the correct supply using the correct power cord.

MOUNTING

- Always place the monitor on a secure table or have it properly mounted to the wall. Do not hang anything on the monitor.
- Ensure the monitor is located close to a power outlet that is easily accessible, as removing the power cord is the only way to isolate power.

USING A WALL MOUNT

Caution: Any wall mount must bear a minimum of 5x the monitor's net weight to mount safely. The stand must be removed first before mounting this way.

1. Place the monitor face down on a surface that is soft, yet strong enough to hold the monitor.
2. Use a screwdriver to remove the screws from the four holes on each side of the bottom of the monitor's base.
3. Make sure all cables are already connected to the monitor.
4. Follow the directions included with the wall mount to fix the monitor to the wall.

STORAGE

- Unplug the monitor if it will not be used for a long period.

VENTILATION

- Never cover or block the ventilation slots in the monitor. A minimum distance of at least 10 cm should be maintained around the unit for sufficient ventilation.
- Never insert any foreign object, metal or liquid into the ventilation slots, as this could result in fire or electric shock.
- Avoid installing a DVR or other equipment too close to the monitor. Keep such equipment at least 30 cm away from the monitor.

WATER AND MOISTURE

- The monitor should not be exposed to any moisture or liquid.
- Do not use the monitor near water.
- Do not touch the monitor or cable with wet hands as this may cause electric shock or damage.

CLEANING

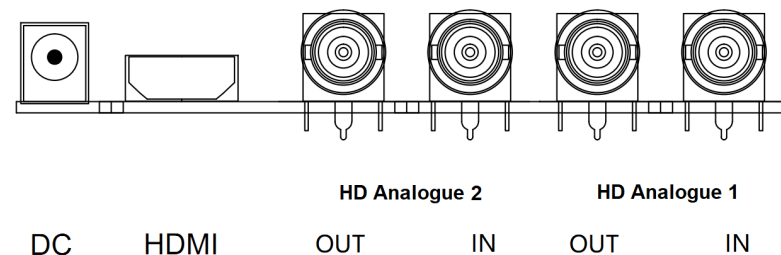
- Unplug the unit from the wall outlet before cleaning.
- Do not use liquid or aerosol cleaners. Use a dry soft lint-free cloth for cleaning. If dust is persistent, wipe with a slightly damp cloth.

IN THE BOX

1 x LCD Monitor, 1 x AC adapter, 1 x HDMI cable, 1 x User Manual
1 x Remote control (option)

CONNECTIONS

Rear Interface



DC: Only use the 12v DC power supply included with the monitor.

HDMI: High-Definition Multimedia Interface connections.

HD Analogue 1 IN: BNC connections support CVBS/CVI/TVI/AHD.

HD Analogue 1 OUT: Video loop through output.

***Does not support coaxial control protocol.**

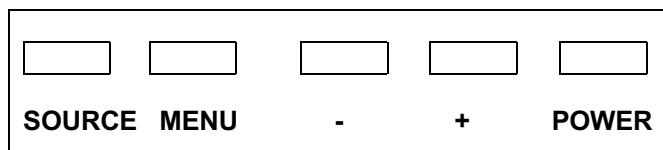
HD Analogue 2 IN: BNC connections support CVBS/CVI/TVI/AHD.

HD Analogue 2 OUT: Video loop through output.

***Support for coaxial control protocol.**

CONTROL LAYOUT

The control buttons are located on the right hand rear side of the monitor.



- SOURCE:** Select input mode – HDA1,HDA2, HDMI.
MENU: Access the On Screen Display (OSD) menu.
+ and –: Controls left/right, Change the size of the value.
POWER: Turns the monitor on or off.

HOW TO CONNECT YOUR MONITOR

1. Connecting using HDA - Analogue HD Video

Connect your video cable with a BNC connector to the HDA1/HDA2 connector on the rear of the monitor, and the other end to your Camera .

Connect power to the monitor and video source, and switch on.

Using the SOURCE button, press repeatedly until either 'HDA1/HDA2' (depending on the connection used) is on the display at the top of the monitor's screen.

2. Connecting using HDMI

Connect one end of a HDMI cable to the HDMI connector on the rear of the monitor, and the other to the HDMI out connector on the PC/DVR. This connection will support both video transmission. Connect power to the monitor and video source, and switch on. Using the SOURCE button, press repeatedly until 'HDMI' is on the display at the top of the monitor's screen.

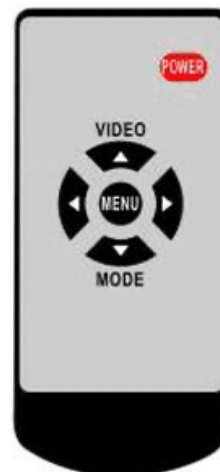
**Ensure all cable connections are secure - tighten all cable screws. Movement and vibration may dislodge cables that are improperly connected. Route all wiring and cabling away from any heat sources and sharp metal edges to avoid damage.*

5.

BASIC ON-SCREEN DISPLAY SETUP

1. To access the OSD Menu press 'MENU'.
2. Use the 'SOURCE' buttons to select the required menu item, then press the '+' or '-' button to select the Sub menu.
3. Continue to use the 'SOURCE' button to highlight the required field, then press '+' or '-' to adjust the setting.
4. Press the 'MENU' button to return to previous menu.
5. Press the 'MENU' button again to exit the OSD Menu completely.

Remote control (OPTION)



POWER	Turn on & off the monitor
MENU	Display or exit the main menu
VIDEO/UP	VIDEO Source switching / Cursor up when OSD appears
MODE/DWON	MODE no effect / Cursor down when OSD appears
LEFT	Enter the submenu to reduce the value
RIGHT	Enter the submenu to increase the value

The layout of the OSD will change depending on the input that is selected.

6.

HDA1/HDA2 Input Configuration

1.PICTURE

Picture	Brightness	50
Menu	Contrast	50
Information	Saturation	50
	Hue	50
Exit		

Picture: Setting the image brightness (0-100).
Contrast: Setting the image contrast (0-100).
Saturation: Setting the image Saturation (0-100).
Hue: Setting the image hue (0-100).

2.MENU

Picture	Language	English
Menu	OSD H Pos.	50
Information	OSD V Pos.	50
	OSD Time	20
	Reset	>
Exit		

Language: OSD language selection.
OSD H Pos.: OSD horizontal position adjustment(0-100).
OSD V Pos.: OSD Vorizontal position adjustment(0-100).
OSD Time: OSD display dwell time selection (5-30s).
Reset: OSD setting data recovery factory settings.

3. Information

Picture	
Menu	HDA1
Information	CVI
	720P25
Exit	

Display information about the current source.

HDMI Input Configuration

1.PICTURE

Picture	Brightness	50
Menu	Contrast	50
Information	Saturation	50
	Hue	50
Exit		

Picture: Setting the image brightness (0-100).
Contrast: Setting the image contrast (0-100).
Saturation: Setting the image Saturation (0-100).
Hue: Setting the image hue (0-100).

2.MENU

Picture	Language	English
Menu	OSD H Pos.	50
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Exit	Reset	>

Language: OSD language selection.
OSD H Pos.: OSD horizontal position adjustment(0-100).
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OSD Time: OSD display dwell time selection (5-30 seconds).
Reset: OSD setting data recovery factory settings.

3. Information

Picture	
Menu	HDMI
Information	
Exit	1080P60

Display information about the current source.

HDA1/2 has tested the list of supported devices and modes

Brand	Model	Resolution	AHD	TVI	CVI
Dahua	DH-HAC-HDW1120E	720P25	OK	OK	OK
		720P30	OK	OK	OK
	HD-HAC-HDW1020E	720P25	-	-	OK
		720P30	-	-	OK
		720P50	-	-	OK
		720P60	-	-	OK
	HD-HAC-HFW1200M-I1	720P25	-	-	OK
		720P30	-	-	OK
		720P50	-	-	OK
		720P60	-	-	OK
	DH-HAC-HFW1400M-I1	720P25	-	-	OK
		720P30	-	-	OK
		1080P25	-	-	OK
		1080P30	-	-	OK
		4M30	-	-	OK
4M25		-	-	OK	
HIKVISION	DS-2CE16G0T-IT3	1080P25	-	OK	-
		4M25	-	OK	-
	DS-2CE16F1T-IT	3M18	-	OK	-
	DS-2CE56C0T-IT3	720P25	-	OK	-
Longse	LBH30THC500ESL	1080P25	OK	OK	OK
		1080P30	OK	OK	OK
		3M/25	OK	OK	OK
		3M/30	OK	OK	OK
		5M/20	OK	OK	-
RUISION	RS-HD258-A0	1080P25	OK	OK	OK
		1080P30	OK	OK	OK
XM(xiongmai)	XAG-53X50PS-U	4M25	OK	OK	OK
TVT	TD-7555AE	5M20	OK	OK	-
		4M25	OK	OK	OK
		4M30	OK	OK	OK

HDMI-supported DVR/NVR brand and mode list has been tested

Dahua/HIKVISION/XM/TVT/Uniview/WAPA/TOPSEE/Sunell

Resolution	Frequency (Hz)
800X600	60
1024X768	60
1280X720	50/60
1280X800	60
1280X1024	60
1366X768	60
1440X900	60
1600X1200	60
1920X1080	24/25/30/50/60
2560x1440	30/60

END