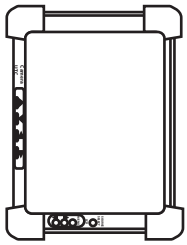


Operation Manual



PD36319

7 inch Portable LCD Test Monitor for HD-TVI, HDCVI, AHD, CVBS with HDMI, DVI, VGA Video Inputs (Up to 5MP Cameras)

Introduction

The 7 inch LCD test monitor supports HD-TVI, HDCVI, AHD, and CVBS cameras up to 5MP. Includes HDMI, DVI, and VGA video inputs and a CVBS BNC loop out. A camera type indicator provides information on your camera (type and resolution) with a guideline indicator to allow adjustment of the camera angle. UTC control is also provided for compatible cameras. Powered by a removable li-ion battery for up to 3 hours of usage or add in a second battery to increase usage up to 6 hours

Features

- 7 inch TFT LCD monitor
- Supports HD-TVI, HDCVI, AHD, and CVBS cameras
- Supports resolutions up to 5MP
- NTSC / PAL
- OSD menu
- UTC control
- Camera type indicator. Shows the type of camera used and resolution
- Color bars provide display indication
- Guideline indicator to adjust camera angle
- HDMI, DVI, VGA video inputs
- CVBS BNC Loop out
- 12V DC 2A input provides charging for the monitor
- 12V DC 1A output provides power for the camera
- Removable 18650 Li-ion battery provides up to 3 hours of on-screen use. Add in a second optional battery to increase usage up to 6 hours

Operation

1. Turn power switch on
2. Wait 10 seconds for the unit to operate
3. Connect HD-TVI / HDCVI / AHD / CVBS camera to **HD Camera** input (BNC input) and then push the **Source Select** button until you hover over the CVBS input source. Wait 2 seconds for display to show camera

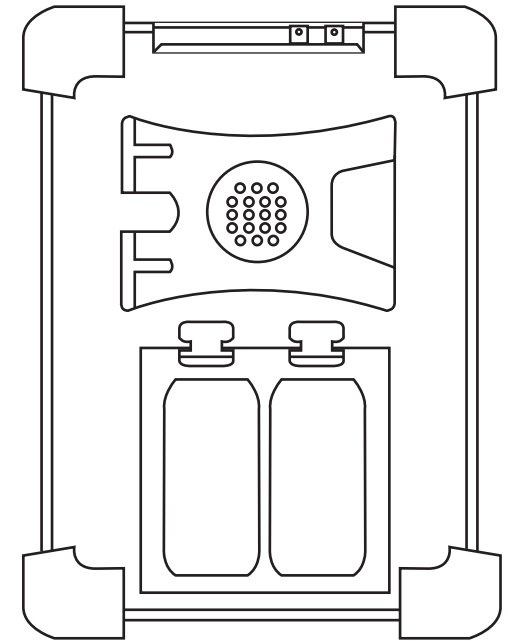
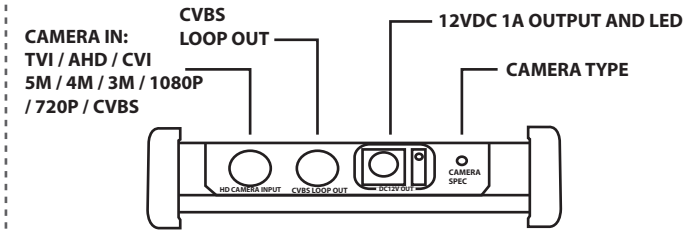
or

- Connect HDMI, DVI, or VGA input source (e.g. DVR) and then with the same procedure above, select the input source
4. Press the menu button located beneath the **Source Select** button to adjust the LCD's contrast, brightness, color, or sharpness
 5. Use the **Camera UTC** buttons to control cameras with UTC functionality (Note: the buttons are not operational if UTC is not available on the camera)
 6. Push the **Camera Spec** button to show camera type and resolution
 7. **CVBS Loop Out** allows output onto an additional CVBS (BNC) display
 8. 12V DC 2A input provides charging for the monitor
 9. 12V DC 1A output provides power for the camera

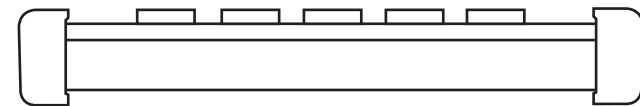
WARNING: Please make sure you are plugging in the DC inputs / outputs correctly. Plugging in incorrectly may damage your camera

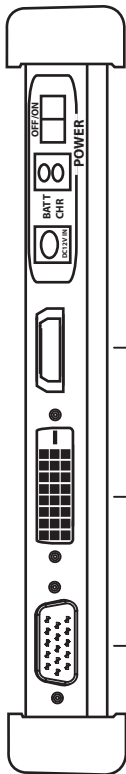
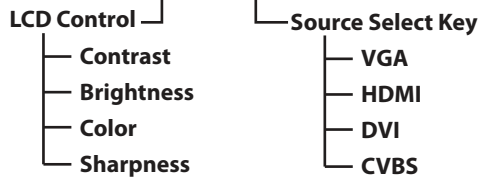
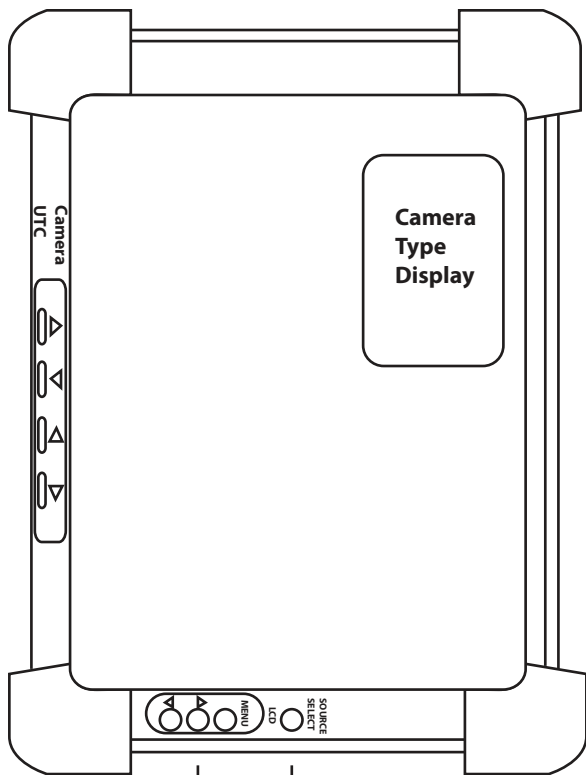
10. Battery charging LED indicator will be red when charging and blinking green when low on battery (30% or below)
11. Provided Li-ion battery provides up to 3 hours of on-screen use. Add in a second optional battery to increase capacity up to 6 hours
12. Built-in kick stand allows the monitor to be propped up
13. Hand carry bag included for on-the-go use and protection

Note: The test monitor outputs to NTSC / PAL and will display the resolution to 720 x 480. The unit is designed for adjusting focus and angles; refer to the DVR for real-time picture quality.



Battery: Standard 5200mA / 3Hr
Optional (Add-in Second Battery): 10400mA / 6Hr





POWER SWITCH
**POWER LED: RED - CHARGING,
 GREEN BLINKING - LOW BATTERY**
POWER INPUT: 12VDC 2A

HDMI
DVI
VGA

Input Source

Specifications	
LCD Size	7 inches
Display Ratio	16:9
Backlight	LED
Brightness	180-230 cd/m2
Resolution	1024x3 (RGB)x600
View Angle (U, D, L, R)	60 / 65 / 65 / 65
Display Dimensions (mm)	165.75(W)x105.39(H)x3.0(D)
Working Voltage	DC11-13.5V
Working Current	DC630mA±30mA
Power Consumption	7.5W (TYP)
Start Time	8~12 Sec
Working Temperature	-0°~50°C
Storage Temperature	-20°~70°C
Environment Humidity	5~70% RH
Input Connector	HDMI / DVI / VGA / HD Analog (BNC)
VGA	800x600@60HZ ~ 1280x768@60HZ
HDMI	HDMI 1.3/1.4 / HDCP 1.2 HDMI 3D, HDMI 4Kx2K, HDMI ARC
DVI	DVI 1.0 MAX 16:9 1920x1080@60HZ DVI 1.0 MAX 4:3 1600x1200@60HZ
Camera Resolutions	HD-TVI, HDCVI, AHD: Up to 5MP CVBS: 960H
Output Connector	CVBS
DC Power Input / Output	12V DC 2A Input (Charges Monitor) 12V DC 1A Output (Powers Camera)
Battery (18650 Li-ion)	5200mA / 3 Hour 10400mA / 6 Hour (Optional 2nd battery added)