

HPVM-26WDH

26" Public View Monitor with Camera

Instruction Sheet

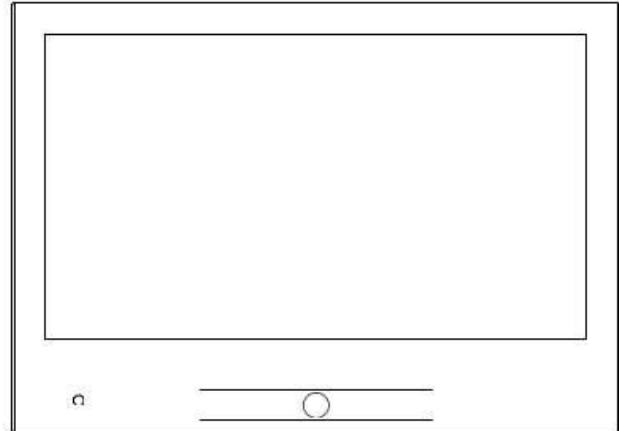


Overview

The Wren Public View Monitor is designed for simple and effective loss prevention by making the viewer aware of video surveillance measures in high traffic high risk locations. The BNC output allows the video to be recorded on a DVR or VCR device.

Features

- Rugged Steel Enclosure
- Dual Voltage power supply
- Integrated High Resolution Camera
- VESA mounting pattern for ceiling mount options
- Remote control operation of all screen adjustment features
- Wide viewing angles



Warnings and Safeguards

Prior to installation and use of this product, please observe the following warnings

1. Installation and servicing should be done by qualified personnel, and all work done should conform to local codes.
2. Using replacement parts or accessories other than Wren may invalidate the warranty.
3. There are no user serviceable parts inside the unit. Authorized service personnel must perform all service. To avoid electrical shock, do not disassemble the unit. Any attempt to disassemble the unit will void the warranty.
4. Verify proper power before installation. This unit requires either an external AC to DC power supply capable of supplying 24 volts DC to the display, or a 100-240 VAC 50/60 Hz supply.
5. Install the monitor in a location that is suitable for the display. Make sure there is adequate ventilation around the unit and that the display is mounted securely to its support structure.
6. Do not place the monitor in a damp area
7. Clean the monitor with water or non-ammonia glass cleaners only. Do not use abrasive cleaners, abrasives, or highly concentrated ammonia to clean the front of the display. Clean with a damp cloth only, do not spray directly with water.

Installation and Set up

Unpacking

- Open the shipping cartons and check the contents.
- If any items are missing or damaged, contact your dealer immediately.
- The package should include the following items:
 - Monitor
 - Power Adapter Cable With Flying Leads
 - Remote Control
 - Wall Power Cable

NOTE

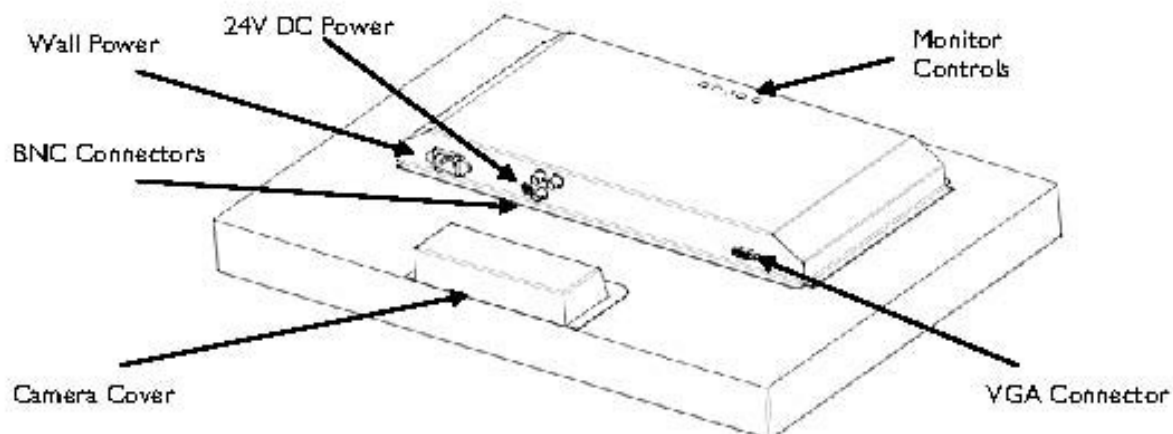
Save the packing in case of future service requirements. Any shipment of the display must have the protective plastic cover taped to the front of the display to prevent shipping damage.

Mechanical Installation

- The display should be located where it will have the most effect on deterring potential shoplifting. Keep in mind the lighting conditions, viewing area, ease of installation, and distance from the power supply when choosing a location.
- The rear of the display has a VESA 100mm mounting pattern that accepts M4 screws. Please refer to the installation instructions for the particular mounting bracket for details of how to install.

Electrical Installation

- This display has the Dual Voltage option. This will allow either an external 24V DC power supply, or standard AC outlet to power the unit. The power connections are located behind the rear access door on the back of the unit. There are two thumbscrews holding this access door in place.
- **24 VDC POWER SUPPLY:** If using the 24VDC power supply refer to the following values regarding distances and wire gauge requirements.
 - o Use 18 AWG wire or heavier up to 80 ft.
 - o Use 16 AWG wire or heavier for 80 ft. up to 120 ft.
 - o Use 14 AWG wire for 120 ft. up to 200 ft.
- The monitor has the following inputs and outputs available.
 - o VGA
 - o BNC (including output for internal camera)

**WARNING**

It is critical that the polarity of the DC power be connected properly. Red is positive. Black is negative. Improper connection can result in damaged equipment and void the warranty.

- **AC POWER CONNECTION:** The monitor will accept an AC voltage between 100VAC to 240VAC. Typical voltage in the USA is 110VAC to 125VAC. To connect to an AC outlet, simply connect the AC power cord from the outlet to the rear of the display.

WARNING

DO NOT connect both AC wall voltage and 24VDC at the same time. Doing so will damage the monitor and void the warranty.

Monitor Operation

Use the included remote control or the buttons on the monitor. To enter the on screen display (OSD), press the menu button. Use the arrow buttons to navigate the on screen menu.

The display comes from the factory in a pre-set configuration that will be very close to the final set up for most installations. Minor adjustments can be done to the monitor and camera to optimize the picture quality for a particular installation when required.

- Display Submenu
 - Adjust the **BRIGHTNESS** control to set the black level so that the images are at their brightest while the black images are still black. Do not adjust too high where the black portions of the image become gray or the image will have a “washed out” appearance.
 - Set the **CONTRAST** control to set the white level so that the images are at their brightest without losing definition in the white portions of the image.
 - Adjust the **COLOR** control to achieve a realistic image of the items within the viewing area.
 - Adjust the **TINT** control if the image has bluish or reddish tint to the white portions of the image.
 - Adjust the **SHARPNESS** lower if the image appears too grainy or pixelated. Increase the **SHARPNESS** if the image appears too soft.

NOTE Adjust the sharpness only after adjusting the camera for optimum focus.

- The **RESET** control can be used to return the display to the factory settings.

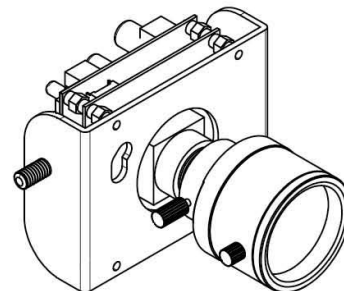
Camera Operation

Remove the camera cover on the back of the monitor by turning the two captive thumbscrews.

Adjust the zoom and focus of the camera by manipulating the stems on the lens of the camera.

Dipswitch Settings:

1. **AES** (Set at the factory) – Electronic shutter is set differently for manual and auto iris lens cameras.
2. **BLC** – Back Light Compensation is used for varying lighting in the shot such as an outside doorway.



Specifications

LCD – 26" TFT LCD

Resolution	SXGA 1366 x 768
View Angle	170/170
Brightness	500 nit
Contrast Ratio	2500:1
Response Time	6.5 ms
Unit as a whole	
Power Supply	24V DC or 120V AC
Power Consumption	120 Watts
Weight	37 lbs
Case Dimensions (inches)	18.2"(H) x 25.6"(W) x 4.1"(D)

Camera

Image Sensor	Sony Super HAD 1/3" CCD
Effective Pixels	811 (H) x 508 (V)
Scanning System	2:1 Interlace
Resolution	540 TVL (Color)
Shutter Speed	1/60 – 1/100,000
S/N Ratio	>48dB (AGC off)
Sync System	Internal
Minimum Illumination	0.1 lux (F2.0) (Color)
White Balance	Auto
Video Output Lens	1.0 Vp-p (75 Ohms) 4mm – 9mm F2.0 AI

HUNT ELECTRONIC USA INC.

11790 Jersey Blvd.
Rancho Cucamonga, CA 91730
Tel: (888)993-4868, (909)987-6999
Fax: (909)987-6997
techsupport@huntcctv.com
www.huntcctv.com