

GE Infrastructure Security

Designed as a stylish surveillance tool, **VisionmaX** is a 20-inch LCD display with a built-in UltraView wide dynamic range camera, PIR sensor, and ambient light sensor. When motion triggers the PIR sensor, the monitor switches from showing advertisements or other multimedia stored on a memory card to displaying the view from the camera.

In PIR mode, the Public View Monitor will switch to the local UltraView camera view when someone passes through the detection zone. The monitor can be programmed to display multimedia files until it detects activity, when it switches to the camera view for a programmable duration to emphasize that CCTV systems are in place and activity is monitored. Retail applications, small businesses, and hotels are logical applications for this technology.

The camera in the Public View Monitor is an UltraView camera that incorporates XPosure technology. That gives users the best images under challenging light conditions, and its inclusion in the Public View Monitor allows positioning in locations such as a brightly lit or sunny store entrance.

The camera's varifocal lens is adjustable using controls on the front of the

monitor. Detach the camera from the unit if needed for easy service or replacement.

An ambient light sensor detects when lights are off and puts the monitor into sleep mode.

The memory card reader works with compact flash cards and SD cards to play most types of multimedia files: JPEG, JPEG-1, JPEG-2, MP3, AVI, MPG, and VCD.

Monitor functions are all software driven. Programming the monitor is done through an onscreen display menu. The unit comes with a remote control that manages all menu functions.

A 3D comb filter, deinterlace function, high brightness and contrast, and a wide viewing angle enhance visibility in high-traffic areas.

Features

- Passive infrared sensor detects people passing by
- Light sensor conserves energy by putting monitor into sleep mode when the lights go out
- IR remote control allows easy setup and control
- UltraView Wide Dynamic Range camera with XPosure technology built into monitor
- Built-in 7-in-1 Media Card Player works with popular memory card formats
- Programmable channel switching and dwell time
- Available power latching and key lock functions
- Supports standard VGA, composite, and Y/C inputs

VisionmaX

20-inch color LCD monitor
with XPosure technology





Specifications

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Latin America
tel 305-593-4301
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LCD Display

- 20 in. TFT LCD panel: TN mode, normally white
- Signal system: 525 lines NTSC; 625 lines PAL
- Viewable size: 16.06 in. (408 mm) H x 12.05 in. (306 mm) V; aspect ratio: 5:4
- Pixel pitch: 0.51 mm H x 0.51 mm V
- Display resolution: 800 x 600
- Contrast: 500:1 (typical)
- Brightness: 500 cd/m² (typical)
- Color temperature: Selectable at 6500°K/9300°K
- Response time: 16 ms
- Display color: 16.7 million colors (8 bits)
- Viewing angle: 80°/80°
- Display mode: Video; Y/C (S-video); VGA

Connections

- VGA input: 15-pin D-Sub connector
- Video in/out: BNC (2)
- Audio in/out: RCA (2)
- Y/C input: 4-pin DIN connector
- Y/C looping output: 4-pin DIN connector (autoterminating)

Physical and Environmental

- Dimensions (HxWxD): 14.02 x 18.03 x 4.61 in. (356 x 458 x 117 mm)
- Operating temperature: 14 to 122°F (-10 to 60°C)

Electrical

- Input voltage: 96 to 256 VAC, 60Hz/50Hz
- Input signal: 0.5 to 2.0 V p-p composite video
- Input/output impedance: 75 ohms, autoterminating
- Power consumption: 55 W, 4.5 A (max.)
- Speaker power: 4 W

Camera

- Image sensor: 1/3 in. GE XPosure
- Dynamic range: 95 dB typical, 120 dB max.
- Signal system: NTSC/PAL selectable
- Synchronizing system: Internal/line lock AC
- Pixels: 720 H x 540 V
- Resolution: 480 TVL horizontal, 460 TVL vertical
- Signal-to-noise ratio: 52 dB
- Sensitivity: 0.4 lux @ f1.2, 30 IRE

Regulatory

- FCC

Ordering Information

PVM-20HS	Public View Monitor, 20-inch LCD panel, built-in camera, PIR sensor, light sensor, and multimedia card
PVM-CM	Ceiling-mount bracket
PVM-WM	Wall-mount bracket

