GPO DISPLAY

Visual solutions created for *you*

EM27AS

PoE Monitor

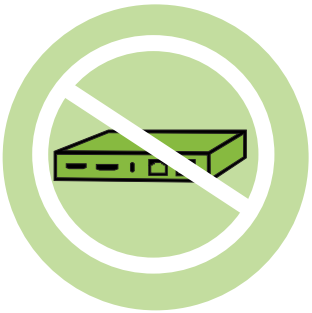
w/ Android SoC

GPO Display's Power Over Ethernet (PoE) Monitors are designed to deliver critical, detailed information in versatile environments where traditional power solutions are impractical. Additionally, the secure line option ensures enhanced security for sensitive information, while the Android SoC option provides robust, built-in processing power for seamless performance.

TAA COMPLIANT

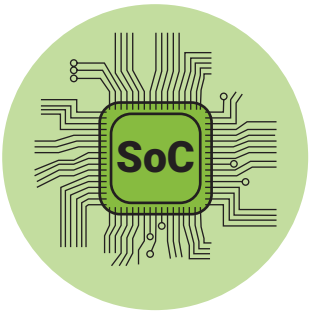
ASSEMBLED IN THE USA

Highlights



PoE Splitter
No need for a separate PoE splitter

AC Outlet
No AC outlet required



SoC
Built-in Android System on Chip

Connectivity
WiFi & Bluetooth Connectivity

Housing
Sleek, unbranded, black powder-coated metal

Specifications

Panel Attributes

Panel Technology	Commercial-grade LED-LCD
Surface Treatment	Hard coating (3H), Anti-glare treatment (Haze 25%)
Screen Size (diag.)	27”
Native Resolution	1920 × 1080
Active Area (mm)	597.89 (H) × 336.31 (V)
Brightness (typ.)	300nit
Contrast Ratio (typ.)	1,000:1
Displayable Colors	16.7 Million, 8-bit(D)
Viewing Angle	178° / 178°
Aspect Ratio	16:9
Refresh Rate	60Hz

Dimensions, Power & Other

Display Dimensions (W x H x D) + Weight	24.71 × 14.41 × 1.86 (in), 14.55 lbs
Packed Dimensions (W x H x D) + Weight	30.12 × 20.08 × 7.87 (in), 21.61 lbs
Display Orientation	Landscape or Portrait
Mounting Pattern (mm)	100 × 100, M6
Built in Speaker	Yes
Power Consumption (max.)	28.5W
Heat Output (BTU/hr)	97.2
Operating Temperature	32–104°F
Operating Humidity Range	20~90%
Industrial Reliability	30,000hrs+
Usage Ratings (hrs/days)	16/7
Warranty	Two Years (parts & labor)

***Consult with GPO Display regarding best practices for preventing image retention and for prolonging display lifetime.*

Specifications

Connectivity & PoE Info

HDMI	1 × Output
RS-232	1 x Input: 3-pin terminal block (3.5mm pitch)
USB	1 × USB 3.0 Type-A, 1 × USB 2.0 Type-A, 1 × USB-C (OTG/HOST)
Audio	1 × Output (Headphone, 3.5 mm Stereo Jack)
PoE Input Port	1 × 10/100/1000 BASE-T RJ45
Power Requirements	4-pair IEEE 802.3bt Type 3 or 4 PoE++ (60W+)
Standards Compliance	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3bt 4-pair Power over Ethernet Type 4

SoC Specification

Operating System	Android 11
Memory	2GB
Storage	32GB
WiFi	Dual-band Wi-Fi 6
Bluetooth	BT5.4

LED Status Indicators:

Green = Power On

Red = Power Off

Accessories:

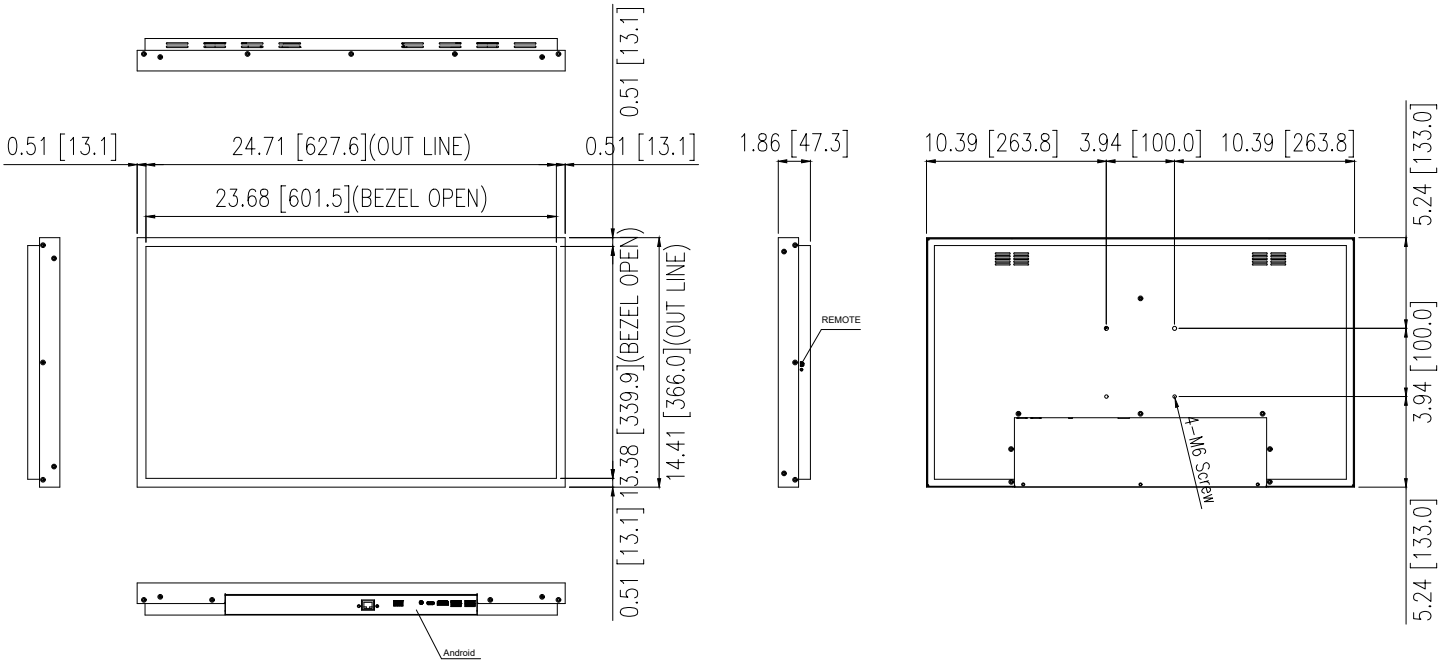
- (1) Slim mount
- (1) Remote controller
- (2) AAA batteries for remote control
- (1) 1m Ethernet cable

Options:

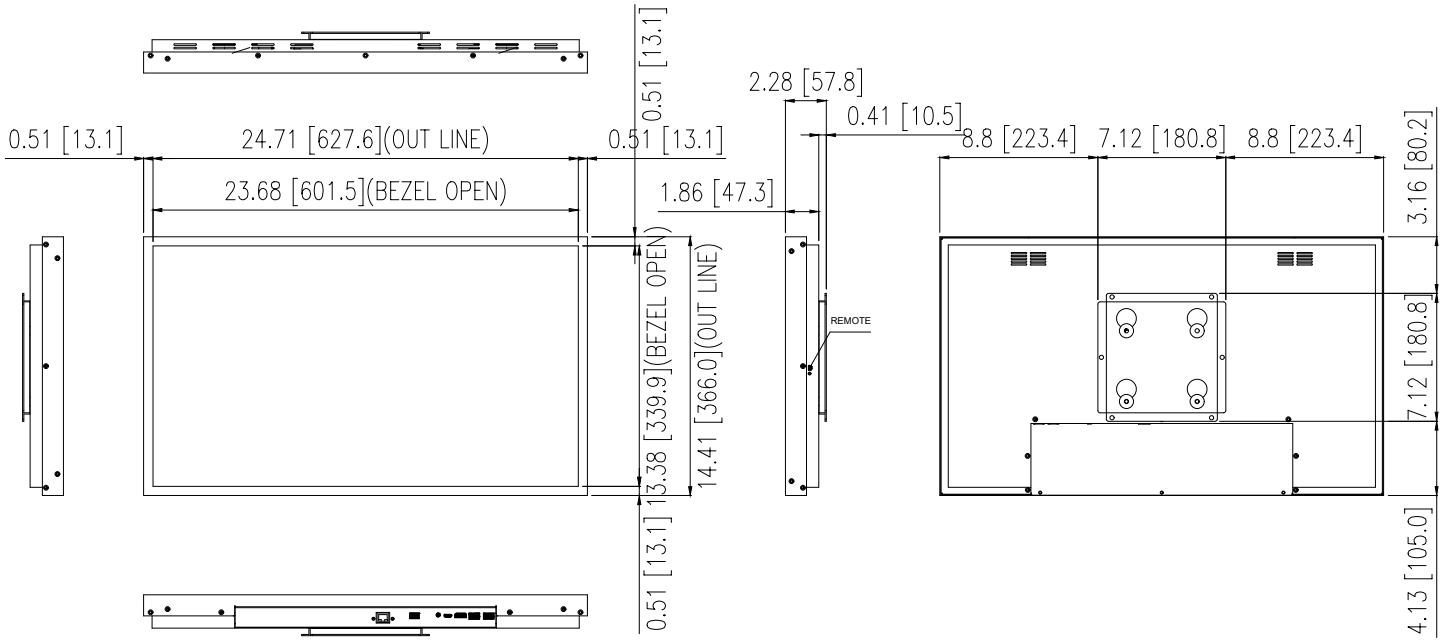
- Custom housing
- Custom colors
- Custom logos
- Other designs
- Tempered protective glass

Drawings

Display Only



Display & Slim Mount



Product specification and design are subject to change without notice.
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