



Visual solutions created for *you*

EM21AS



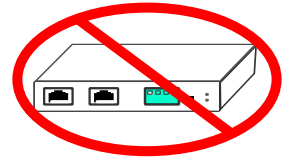
PoE Monitor

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.



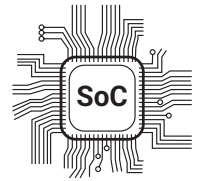
No need for a separate PoE splitter.



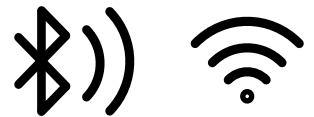
No AC outlet required.



Built-in Android SoC



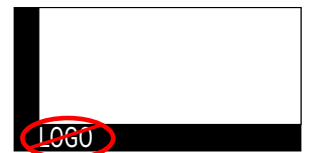
WiFi & Bluetooth Connectivity



24/7-rated



Sleek, unbranded/customizable, black powder-coated metal housing.



Panel Attributes

Panel Technology	Commercial-grade LED-LCD
Surface Treatment	Hard coating (3H), Anti-glare treatment
Screen Size (diag.)	21.5"
Native Resolution	1920 × 1080
Active Area (mm)	476.06 (H) × 267.79 (V)
Brightness (typ.)	500nit
Contrast Ratio (typ.)	1,000:1
Displayable Colors	16.7 Million, 8-bit
Viewing Angle	178° / 178°
Aspect Ratio	16:9
Refresh Rate (typ.)	60Hz

Dimensions, Power & Other

Display Dimensions (W x H x D) + Weight	19.72 × 11.64 × 1.82 (in), 12.5 lbs
Packed Dimensions (W x H x D) + Weight	25 × 16 × 8.5 (in), 16.5 lbs
Display Orientation	Landscape or Portrait
Mounting Pattern (mm)	75 x 75, M6
Built in Speaker	Yes
Power Consumption (max.)	32W
Heat Output (BTU/hr)	109.2
Operating Temperature	32–104°F
Operating Humidity Range	20~90%
Industrial Reliability	30,000hrs+
Usage Ratings (hrs/days)	24/7
Warranty	Two Years (parts & labor)

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

Connectivity & PoE Info

HDMI	1 × Output
RS-232	1 × 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

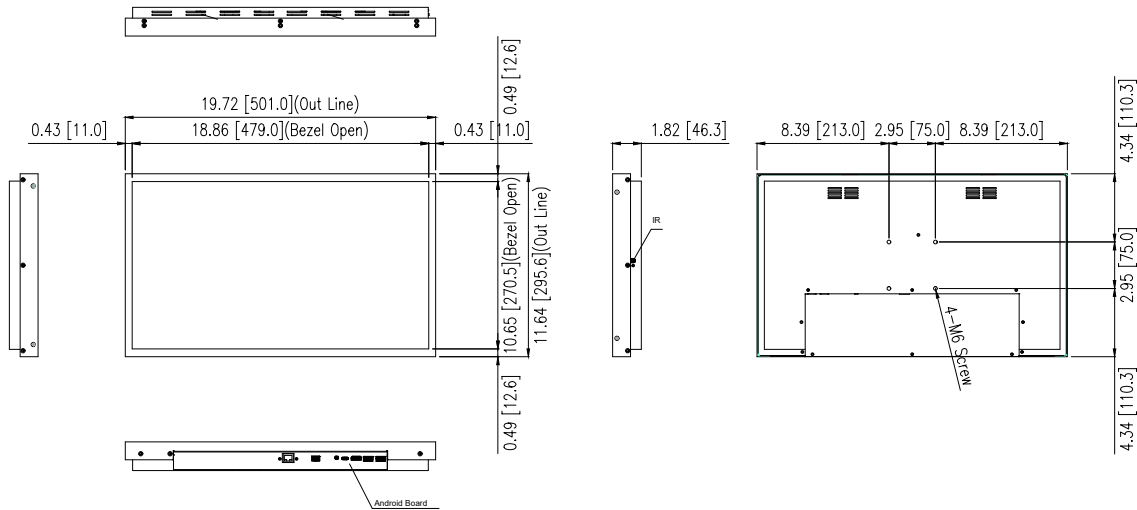
Accessories:

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

Options:

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

Display Only



Display & Slim Mount

