

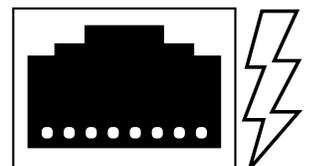
# EM21AS



## PoE Monitor

*w/ Android SoC*

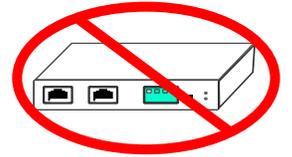
GPO Display's Power Over Ethernet (PoE) Monitors are designed to deliver critical, detailed information in versatile environments where traditional power solutions are impractical. Additionally, the secure line option ensures enhanced security for sensitive information, while the Android SoC option provides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



# Highlights

EM21AS

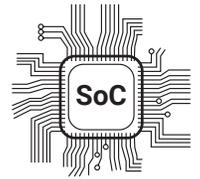
No need for a separate PoE splitter.



No AC outlet required.



Built-in Android SoC



WiFi & Bluetooth Connectivity



24/7-rated



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



# Specifications

## Panel Attributes

Panel Technology	Commercial-grade LED-LCD
Surface Treatment	Hard Coating (3H), anti-glare treatment
Screen Size (diag.)	21.5"
Native Resolution	1920 x 1080
Active Area (mm)	476.064 (H) x 267.786 (V)
Brightness (typ.)	500nit
Contrast Ratio (typ.)	1,000:1
Displayable Colors	8bit, 16.7 Million colors
Viewing Angle	178°/ 178°
Aspect Ratio	16:9

## Dimensions, Power & Other

Display Dimensions (W x H x D) + Weight	19.73 x 11.64 x 1.83 (in), 16.53 lbs
Packed Dimensions (W x H x D) + Weight	24.75 x 16.25 x 8.5 (in), 20 lbs
Display Orientation	Landscape or Portrait
Mounting Pattern (mm)	75 x 75, M6
Built in Speaker	Yes
Electrical Ratings	AC 100 - 240V (50/60Hz)
Power Consumption (max.)	32W
Heat Output (BTU/hr)	109.2
Operating Temperature	32 ~ 104°F
Operating Humidity Range	-4 ~ 140°F
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.**

# Specifications, Cont.

## Connectivity & PoE Info

RS-232	1 x Input: 3-pin terminal block (3.5mm pitch)
USB	1 x USB 3.0 Type-A, 1 x USB 2.0 Type-A, 1 x USB-C (OTG/HOST)
HDMI	1 x Output
Audio	1 x Output (Headphone, 3.5 mm Stereo Jack)
RJ45	1 x PoE Input
Power Requirements	4-pair IEEE 802.3bt Type 3 or Type 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 3 or 4

**\*Notes:** Power availability depends upon Power Source Equipment (PSE). Actual Amperage requirements of input device are often different from those listed on device's AC-DC adapter. The above figures assume power for a single external device.

## POE LED Status Indicators:

Blue = Active

Blinking Blue = Not Active

## SoC Specification

Operating System	Android 11
Memory	4GB
Storage	32GB
WiFi	2.4G
Bluetooth	BT5.2

## Accessories:

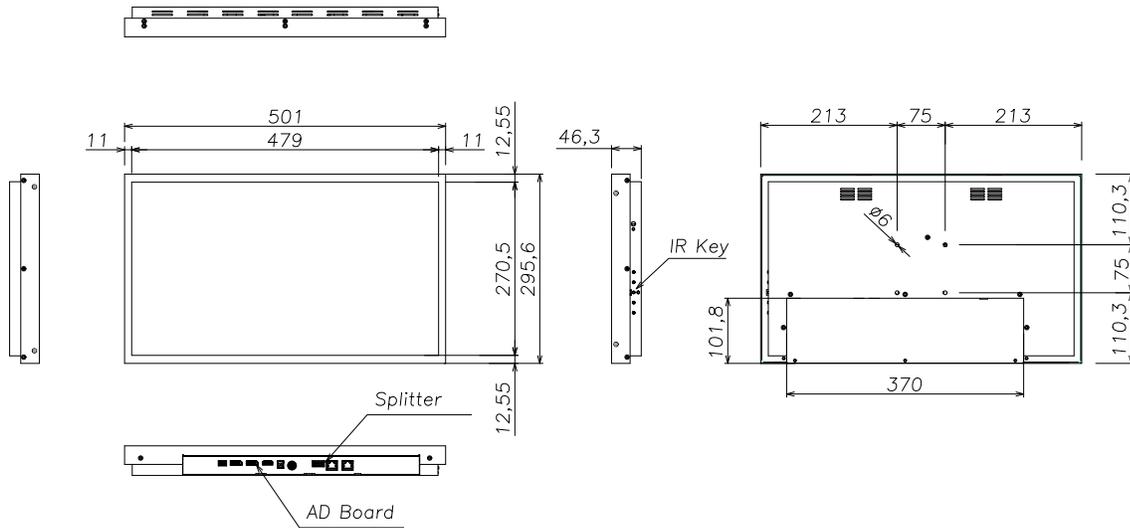
- (1) Slim mount
- (1) Remote controller
- (2) AAA batteries
- (1) 1m Ethernet cable

## Options:

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

# Drawings

## Display Only



## Display & Wall Mount

