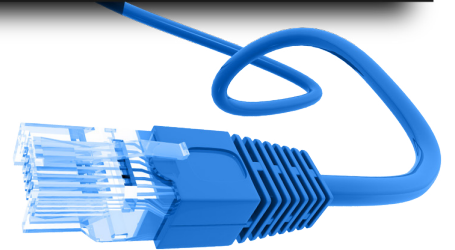


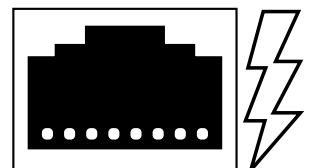
EM43AS



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.



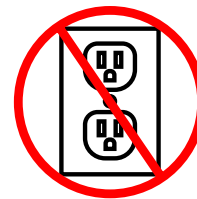
Highlights

EM43AS

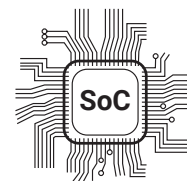
No need for a separate PoE splitter.



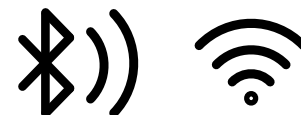
No AC outlet required.



Built-in Android SoC



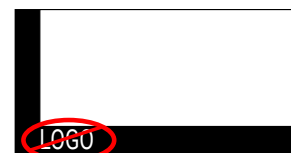
Wi-Fi & Bluetooth Connectivity



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 (Haze 25%)
Screen Size (diag.)	42.5"
Native Resolution	1920 x 1080
Active Area (mm)	940.9 (H) x 529.25 (V)
Brightness (typ.)	500nit
Contrast Ratio (typ.)	4,000:1
Displayable Colors	16.7M
Viewing Angle	178°/ 178°
Aspect Ratio	16:9

Dimensions, Power & Other

Display Dimensions (W x H x D) + Weight	38.86 x 22.62 x 1.93 (in), 36.38 lbs
Packed Dimensions (W x H x D) + Weight	44.75 x 22.75 x 7.5 (in), 50 lbs
Display Orientation	Landscape or Portrait
Mounting Pattern (mm)	300 x 200, M8
Built in Speaker	No
Electrical Ratings	AC 100 - 240V (50/60Hz)
Power Consumption (max.)	67W
Heat Output (BTU/hr)	228.6
Operating Temperature	32 ~ 104°F
Operating Humidity Range	-4 ~ 140°F
Industrial Reliability	50,000hrs+
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.

EM43AS

Connectivity & PoE Info

HDMI	1 x Input, 1 x Output
RS-232	1 x Input: 3-pin terminal block (3.5mm pitch)
USB	1 x USB3.0, 1 x USB2.0
TF (Trans Flash) Card	1 x TF Card slot, 1 x SIM Card slot
Audio	1 x Output (3.5mm Stereo Jack)
RJ45	1 x PoE Input, 1 x Data Output, 1 x LAN
DC Out Plug Connector	1 x Output: 3-pin terminal block (5.08mm pitch)
Power Requirements	4-pair IEEE 802.3bt Type 4 PoE++ (90W+)
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

***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) HDMI cable
- (1) DC power cable
- (1) Remote controller
- (2) AAA batteries
- (1) 1m Ethernet cable

Options:

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

