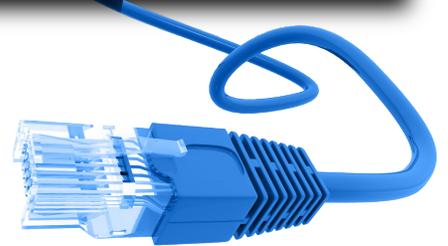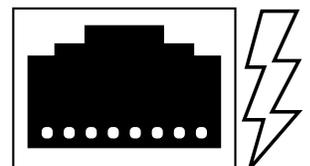# EM43AS

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.
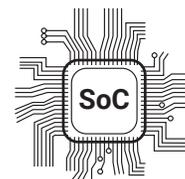
TAA Compliant

ASSEMBLED IN THE USA

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	38.48 x 22.28 x 2.28 (in), 36.38 lbs
Packed Dimensions (W x H x D) + Weight	44 x 30 x 9.5 (in), 51 lbs
Display Orientation	Landscape or Portrait
Mounting Pattern (mm)	300 x 300, M6
Built in Speaker	Yes
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.

Connectivity & PoE Info

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)
HDMI	1 x Output
Audio	1 × Output (Headphone, 3.5 mm Stereo Jack)
RJ45	1 x PoE Input
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

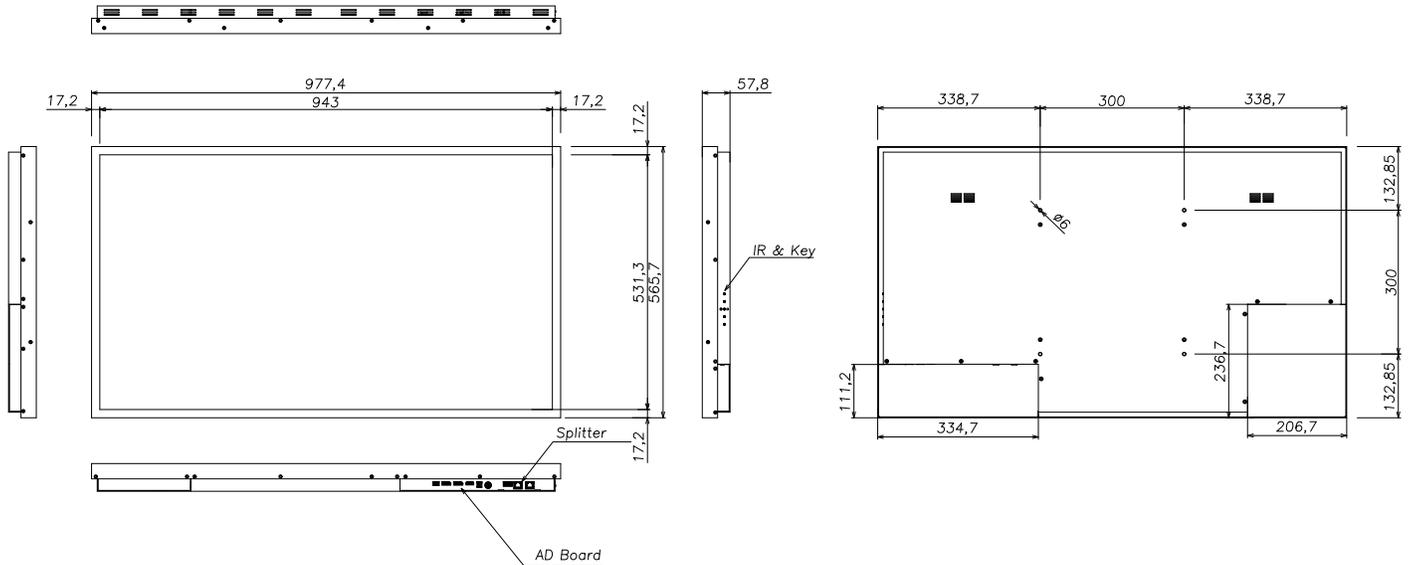|	
Operating System	Android 11
Memory	4GB
Storage	32GB
WiFi	2.4G
Bluetooth	BT5.4

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

IR & Key

Splitter

AD Board

ø6

Display & Wall Mount

IR & Key

Splitter

ø6