GPO DISPLAY

Visual solutions created for *you*

EM21SL

PoE Monitor

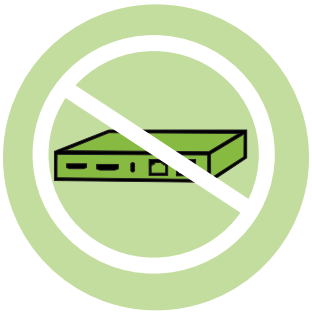
Secure Line

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

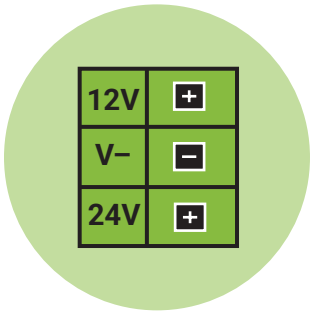
ASSEMBLED IN THE USA

Highlights

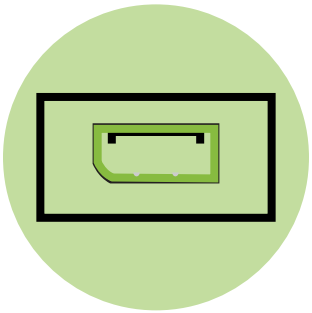


POE Splitter
No need for a separate POE splitter

AC Outlet
No AC outlet required



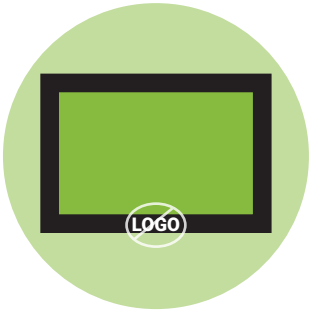
12/24VDC Outlet
For third-party devices such as media players



DisplayPort
DisplayPort output for duplicating images

Secure-Ready
No NFC, RF, WiFi, Bluetooth or embedded computing

24/7 Rated
For demanding applications



Housing
Sleek, unbranded, black powder-coated metal

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 × 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	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.)	20W
Heat Output (BTU/hr)	68.2
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.*

Specifications

Connectivity & PoE Info

HDMI	1 × Input
DisplayPort	1 × Input, 1 × Output (video daisy-chain)
RS-232	1 × Input: 3-pin terminal block (3.5mm pitch)
PoE Input Port	1 × 10/100/1000 BASE-T RJ45
Data Output Port	1 × 10/100/1000 BASE-T RJ45
DC Plug Connector	2 × Input/Output, 1 × Output: 3-pin terminal block (5.08mm pitch)
Power Requirements	4-pair IEEE 802.3bt Type 3 or Type 4 PoE++ (60W+)
Power Output*	w/ 802.3 bt type 4 PoE++ input: 12V DC: 24W, 2A (max.) 24V DC: 26.4W, 1.1A (max.)
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.*

LED Status Indicators:

Green = Power On / Signal Detected

Red = Power Off

Amber = Standby / No Signal

Accessories:

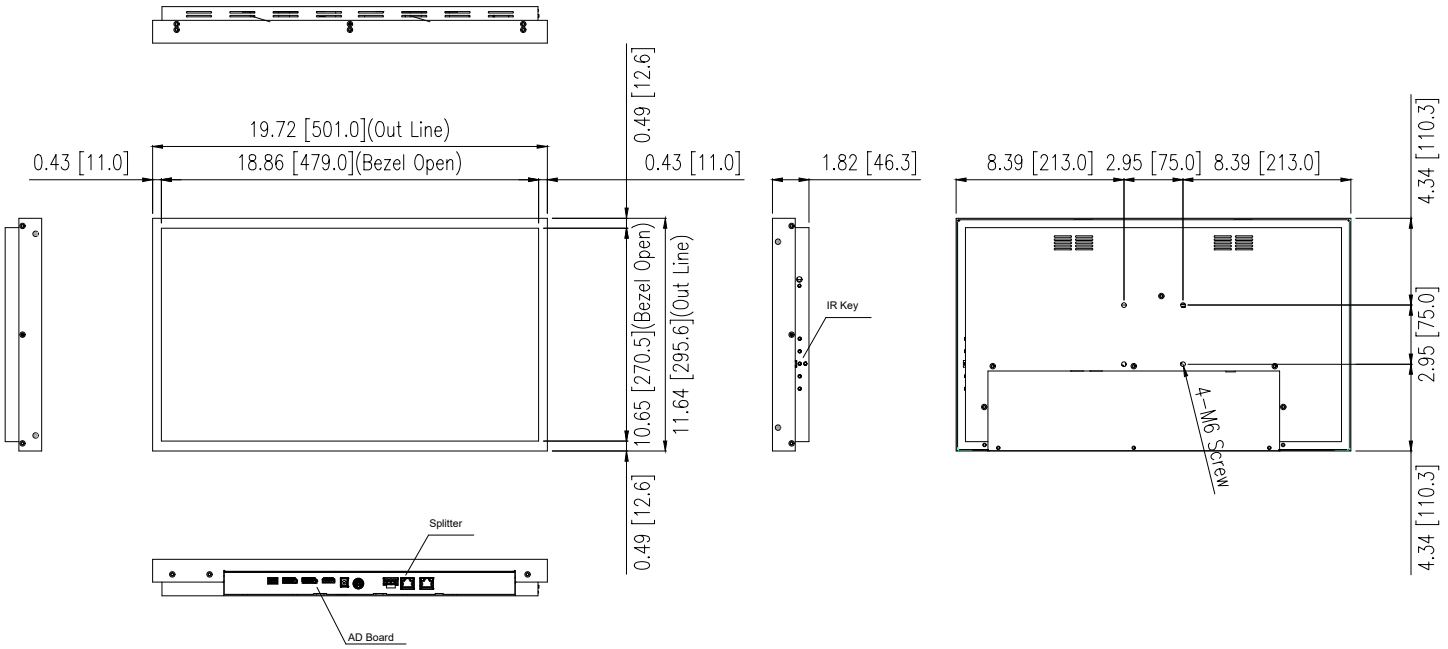
- (1) Slim mount
- (1) HDMI cable
- (1) DC power cable
- (1) Remote controller
- (2) AAA batteries for remote control
- (1) 1m Ethernet cable

Options:

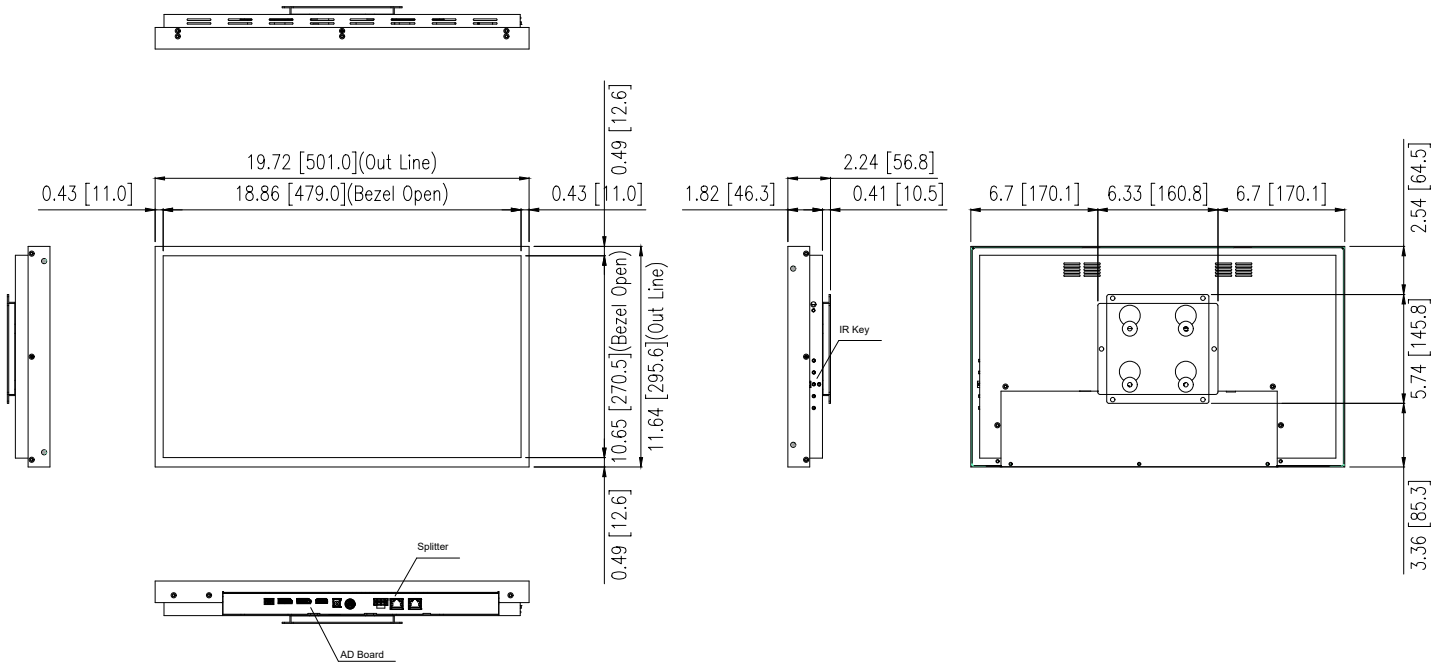
- Custom housing
- Custom colors
- Custom logos
- Other designs
- Tempered protective glass

Drawings

Display Only



Display & Slim Mount



Product specification and design are subject to change without notice.
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