

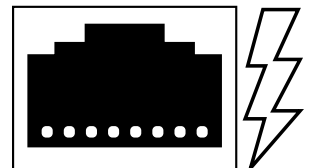
EM21-AS



PoE Monitor

w/ Android SoC

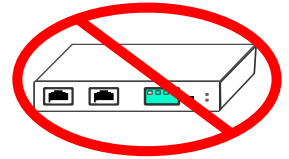
GPO Display's Power Over Ethernet (PoE) Monitors are designed to deliver critical, detailed information in versatile environments where traditional power solutions are impractical. Additionally, the secure line option ensures enhanced security for sensitive information, while the Android SoC option provides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



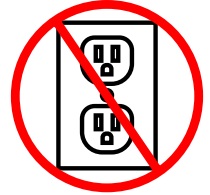
Highlights

EM21-AS

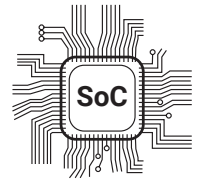
No need for a separate PoE splitter.



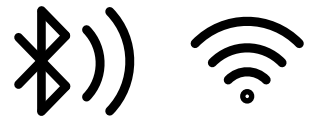
No AC outlet required.



Built-in Android SoC



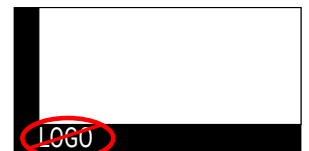
TBD



24/7-rated



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



Specifications

Panel Attributes

Panel Technology	Commercial-grade IPS 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	16.7M
Viewing Angle	178°/ 178°
Aspect Ratio	16:9

Dimensions, Power & Other

Display Dimensions (W x H x D) + Weight	21.09 x 12.88 x 2.21 (in), 16.53 lbs
Packed Dimensions (W x H x D) + Weight	26.97 x 18.82 x 7.87 (in), 20.94 lbs
Display Orientation	Landscape or Portrait
Mounting Pattern (mm)	100 x 100, M4
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.

PoE Input Port	1 10/100/1000 BASE-T RJ45
TF (Trans Flash) Card	1 x Input
USB	2 x Input
DC 24V	1 x *Output when PoE in use, input option when PoE not in use (w/AC-24VDC adapter)
HDMI	1 x Output
Power S/W	1 (w/ LED indicator)
Power Requirements	4-pair 802.3bt PoE++ PoE DC 48 ~ 56V
Run Distance	802.3 bt PoE++ input (60W+) 4-pair UTP Cat. 5e, 6, up to 100m (328ft)
PoE Standard	802.3 bt PoE++
Data Rate	10/100/1000Mbps
ESD Protection	2KV
EFT Protection	2KV
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

Specifications, Cont.

SoC Specification

Operating System	Android 12
Memory	4GB
Storage	64GB
WiFi	2.4G
Bluetooth	BT5.2

Accessories:

- HDMI cable x1
- RS-232 cable x1
- Remote controller x1
- AAA batteries x2
- 1m Ethernet Cable

Options:

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

Drawings

Display Only

TBD

Display, Wall Mount & Side Cover

TBD



Product specification and design are subject to change without notice.

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