

COPPERLINE[®]



The ComNet™ CopperLine® CLFE8IPS and CLFE16IPS are 8 and 16 port high power PoE midspans. They are compatible with 10/100/1000 BaseT Ethernet networks. They meet IEEE 802.3af and IEEE 802.3at standards and deliver up to 37W per port simultaneously on all ports without requiring power management. The PoE function can be set up with Windows GUI or use the default plug and play option. These mid-span power injectors are equipped with LEDs to provide operational status. No IP settings or configurations are required and they are completely transparent to the Ethernet network and higher layer protocols. The CopperLine CLFE8IPS and CLFE16IPS models are 1 RU high and can be easily installed in 19" racks. They are ideal for a wide range of CCTV or IT applications that require high power such as IP cameras, wireless access points or VoIP to be connected to a central LAN switching fabric with ease.

FEATURES

- › 8 or 16 ports of IEEE 802.3 af and IEEE 802.3 at compliant POE for 10/100/1000 Base-T networks
- › Delivers up to 37W per port simultaneously on all ports, no power management required
- › Automatically senses the powered device (PD) power class
- › LED Indicators indicate power on each port
- › Provide high data rate and high power for long distance, ideal for mega-pixel cameras
- › 19", 1U rack or wall mountable
- › Fully transparent to Ethernet networks and higher layer protocols
- › Easy set up with Windows GUI with default plug and play option
- › No IP address programming or other network setup required
- › Limited lifetime warranty

APPLICATIONS

- › Powering remote IP cameras
- › Powering VoIP Phones
- › Powering Wireless access points

SPECIFICATIONS

Electrical

Ethernet Interface	10/100/1000BaseT
UTP	Cat-5
Output Power	52 VDC, 37W Max per Port CLFE8IPS: 300W Max, aggregated CLFE16IPS: 600W Max, aggregated
Input Power	110-240VAC, 50-60Hz @ 6.5A, max
LEDs	- Output - Power
Connectors	Ethernet: RJ-45 Extended Output: RJ-45 Operating Power: IEC380-8 Setup Port: RS-232 / USB with Windows GUI

Mechanical

Dimensions (H x W x L)	
CLFE8IPS	1.75 x 17x 12 in, (4.45 x 43.2 x 30.5 cm) Weight: 9.5lbs (4.3 kg)
CLFE16IPS	1.75 x 17x 12 in, (4.45 x 43.2 x 30.5 cm) Weight: 10.6lbs (4.8 kg)
Case Material:	Aluminum

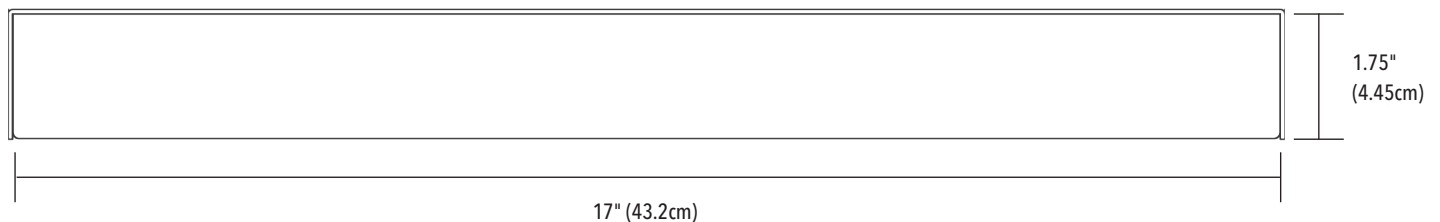
Environmental

MTBF	> 100,000 hours
Operating Temp	-10°C to +50°C
Storage Temp	-30°C to +70°C
Relative Humidity	0 to 95%, non-condensing

[†] Distance figures are obtained using in-house testing mirroring installations. Factors such as coaxial cable quality, the number of connectors in the cable run, the use of PoE, and environmental conditions encountered within the installation may affect the actual transmission distance, and should be taken into consideration.



DIMENSIONS



ORDERING INFORMATION

Part Number	Description	Output Power
CLFE8IPS	8 Port High-Power PoE Mid-Span Injector	300 W Max Aggregated
CLFE16IPS	16 Port High-Power PoE Mid-Span Injector	600 W Max Aggregated
Accessories	19-Inch Rack-Mounting Ear Brackets (included)	

Tested and certified by an independent laboratory for full compliance with the environmental requirements (ambient operating temperature, mechanical shock, vibration, humidity with condensation, high-line/low-line voltage conditions, and transient voltage protection) of NEMA TS-1/TS-2 and the Caltrans Specification for Traffic Signal Control Equipment.

TYPICAL APPLICATION

