

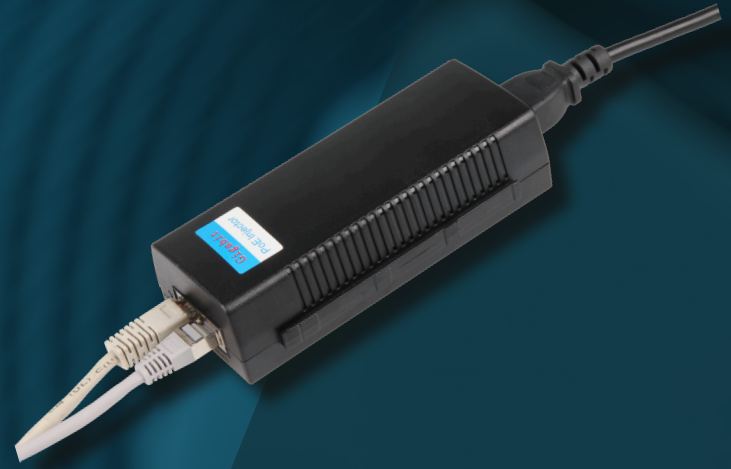
POWER OVER ETHERNET INJECTOR

EFFICIENT POWER SUPPLY SOLUTION FOR
PROFESSIONAL NETWORK ENVIRONMENTS

JOY-IT

SPECIAL FEATURES

- ✔ Simple power supply via just one cable
- ✔ Full gigabit performance for fast connections
- ✔ Can be used worldwide thanks to wide voltage range
- ✔ Powerful with 48 V output
- ✔ Compact & robust for professional use
- ✔ Quick to integrate via 2 RJ45 ports
- ✔ Ideal for reliable continuous operation



The Power over Ethernet Injector (model SBC-PoE-Inject) offers a reliable way of supplying network-compatible devices such as IP cameras, access points or single-board computers with power and data via a single Ethernet cable. The compact unit complies with the IEEE 802.3af and 802.3at standards and is therefore compatible with a variety of professional PoE-capable end devices.

With a transmission rate of up to 1000 Mbps (Gigabit Ethernet), the injector ensures a stable and fast network connection - even for data-intensive applications. The output voltage is 48 V with a current of up to 0.8 A, which enables a maximum output power of around 38 W. This makes the device ideal for use in office environments, industrial installations or building automation.

The connection is made via two RJ45 ports (Data/In and P+D/Out), with the power being fed directly into the Ethernet signal. Thanks to a wide input voltage range of 100-240V AC at 50/60Hz, the injector can be used worldwide. The robust housing and the reliable temperature range of 0°C to 55°C during operation also make it suitable for continuous operation in demanding environments.

MAIN FEATURES

Function	Enables network-compatible devices to be supplied with power via an Ethernet cable
transmission rate	10 / 100 / 1000 Mbps
Standard	IEEE802.3af/at
Input voltage	100 - 240 V (50 / 60 Hz)
Output voltage	48 V
Output current	0,8 A
Ethernet ports (RJ45)	2 (P+D/Out & Data/In)
Operating temperature	0 - 55 °C
Storage temperature	-20 - 70 °C

FURTHER INFORMATION

Weight	350 g
Dimensions	145 x 60 x 40 mm
Item number	SBC PoE Inject
Scope of delivery	SBC PoE Inject
Customs tariff number	8517620000
EAN	4250236817408