



Single Port Midspan provides power for Power over Ethernet Devices

The NC-MID single port Midspan unit automatically provides additional power to a network cable for Power over Ethernet (PoE) devices such as an IP camera, and used when power is difficult or costly to access. The device acts as a "patch panel" and adds ~48 VDC to unused (non-data) wires in a standard Category 5, 5e, 6 or 6a Ethernet cable. The NC-MID delivers both data and power over a single standard Ethernet cable to a PoE enabled End device designed to receive both Data and Power through its RJ45 connector.

The flexible NC-MID only provides power to recognised PoE signatures which makes it compatible with standard networking devices such as VoIP, wireless access points and IP cameras, and at the same time does not inject power to non-PoE enabled devices such as PCs or laptops.

With the supplied bracket, the NC-MID can be mounted above floor level for good house keeping.

KEY FEATURES

- Extremely cost effective vs. traditional powering techniques
- Exceeds IEEE 802.3af Power over Ethernet Standards
- Supports Data links at 10Mbps, 100Mbps or 1000Mbps
- Output Wattage is up to 28W continuously
- Non-Conducting plastic case
- LED indicators show powering status
- Over voltage current and Short circuit protected
- Removable Power Cord w/IEC-320-C7 connector
- Data and Power carried on same Ethernet cable
- Includes optional mounting bracket
- Includes Full 3 Year Warranty

SPECIFICATIONS

General	Operating Temperature	0° C to 40° C
	Storage Temperature	-10° C to 60° C
	Relative Humidity	10% to 90% non-condensing
	Operating Altitude	-304 metres to 3,040metres
	Power Source	220 ~ 240 V AC, 50/60 Hz (with supplied mains cord)
	Power Consumption	1 A
	PoE Protocol	IEEE 802.3af Standard
	Output Voltage	48 V DC
	Connector Type	Non-Shielded RJ-45, meets EIA 568A and 568B
	Dimensions (W x H x D)	55.5 mm x 34.9 mm x 128.6 mm
	Weight	150 g

CERTIFICATIONS

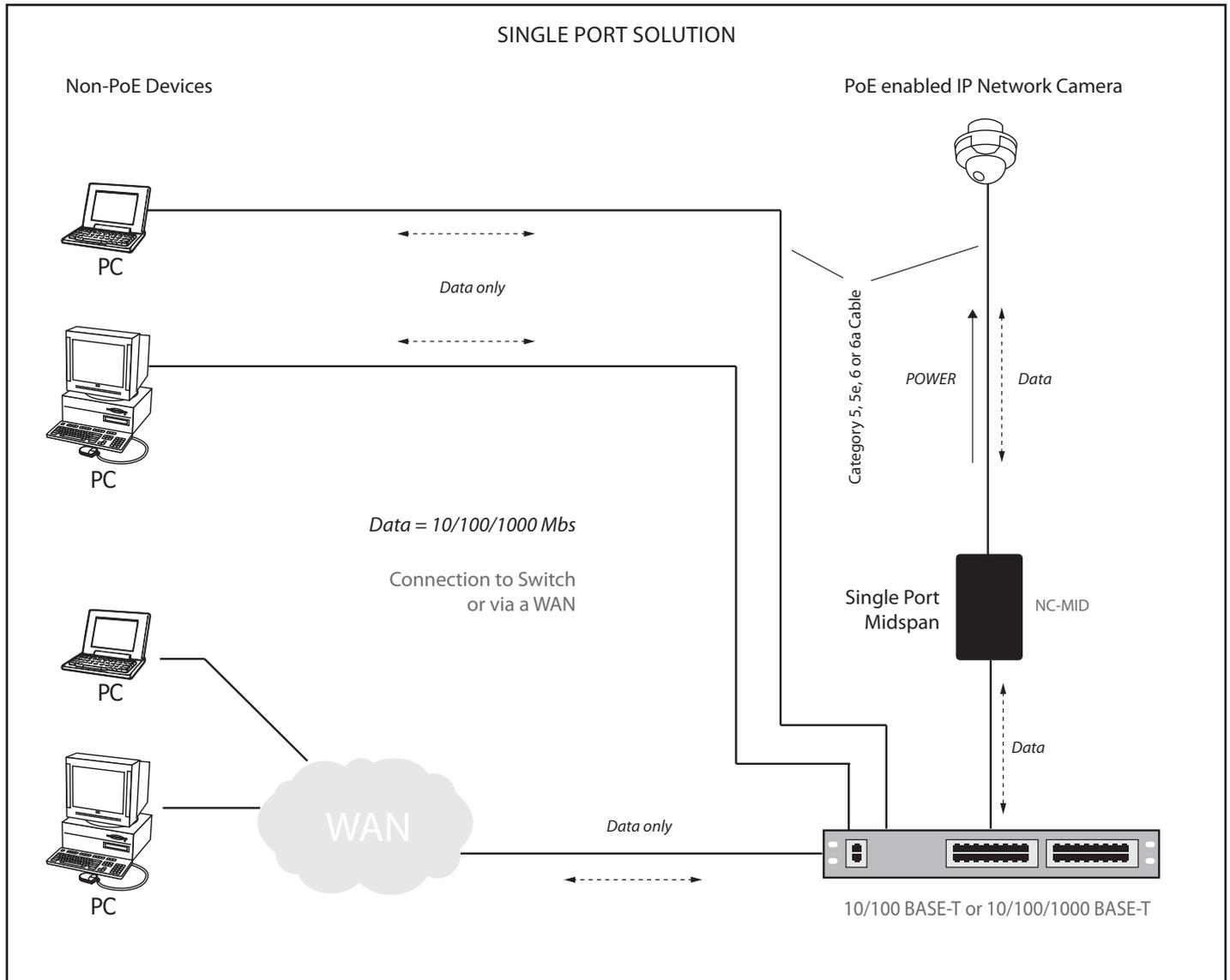
FCC, CE Marked, UL / cUL



POWER OVER ETHERNET AND MIDSPAN EXPLAINED

Reducing the cost of separate cabling, a PoE camera can receive power and data over a single existing Category 5 or higher cable. A midspan device is much like a modular patch panel which adds power to the network cable and works in combination with existing Ethernet Switches. When a PoE device is added to the network its signature is recognised by the midspan which in turn provides power to the device and data communication passes through. For standard devices the midspan simply relays data to the Ethernet switch.

SYSTEM EXAMPLE



Note: this product is not manufactured by Panasonic. Safety Precaution: carefully read the operating instructions and installation manual before using this product. • Panasonic can not be responsible for network performance and/or other manufacturer products that reside on the network. • All TV pictures/menu are simulated. • Weights and dimensions are approximate. • Specifications are subject to change without notice. • These products may be subject to export control regulations.

Supplied by:

Panasonic