

# DIGITUS Gigabit Ethernet PoE++ Injector, 802.3bt, 85 W

DN-95109  
EAN 4016032464495



**Gigabit Ethernet PoE++ Injector, 802.3bt Power pins: 4/5(+),7/8(-) and 3/6(+), 1/2(-), 85W**

The 802.3bt injector from DIGITUS® offers an 85 watt PoE port as a midspan solution. Compact, cost-effective and fully IEEE802.3bt-compliant. The simple solution for remote power supply of wireless access points, IP security camera, VoIP phones, thin clients and other installations with PoE functionality. PoE+/PoE++ compatible devices can be supplied with power and data using the network cable, a secure and reliable solution for expanding the existing network infrastructure. The injector detects various PoE modes (A/B)- Plug & Play.

**Power supply and data transfer with up to 1 Gbps bandwidth and 85 watt output with just one network cable, for PoE-enabled devices such as access points, IP phones, POS systems or IP cameras**

- Supports 10/100/1000 Base-T applications
- Supports standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
- LED display: Power input / PoE output
- PoE output: 85 W (PoE++ via 4 strand pairs)
- For distances of up to 100 m
- LED operating display

- Integrated power connection for non-heating appliances (C6)
- Excess voltage and short circuit protection
- Automatic detection of PoE devices / PoE modes
- Power supply: 100 - 240 VAC / 50/60 Hz
- Total power consumption: 90 W max.
- PoE voltage: 56 VDC / 1.5 A
- PIN assignment: Mode A: V+ (RJ45 Pin 3, 6), V- (RJ45 Pin 1, 2) / Mode B: V+ (RJ45 Pin 4/5), V- (RJ45 Pin 7/8)
- Operating temperature: 0 to 40°C
- Storage temperature: -10 °C to 70 °C
- Operating humidity: 5 - 95% (non condensing)
- Dimensions: 180 x 65 x 40 mm (LxWxH)
- Weight: 0.6 kg
- Number of ports: 1
- PoE Power budget: 85 W
- PoE standard: IEEE802.3bt (PoE++)
- Ethernet speed: Gigabit
- Industrial usage: no

**Package contents**

- Gigabit Ethernet PoE++ Injector, 802.3bt, 90 W
- Cable for non-heating appliances (safety plug / jack IEC 5)
- Quick reference guide

| Logistics                    |              |             |            |            |             |          |
|------------------------------|--------------|-------------|------------|------------|-------------|----------|
|                              | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³      |
| Packaging Unit Carton        | 10           | 1.00        | 20.00      | 33.00      | 27.00       | 17.82    |
| Packaging Unit Inside        | 1            | 0.10        | 0.00       | 0.00       | 0.00        | 0.00     |
| Packaging Unit Single        | 1            | 0.10        | 6.00       | 11.60      | 19.00       | 1,322.40 |
| Net single without Packaging | 0            | 0.06        | 4.00       | 6.60       | 18.00       | 475.20   |

More images:

