GENATA

ITOONER
Idea Transmission Navigator

Gigabit PoE Injector Specifications

GNT-53003

- Gigabit PoE injector - 18 W maximum
- 2 x RJ45 Ethernet interfaces
- 100 m maximum transmission distance

Product Features

- IEEE 802.3af PoE support
- AC 100-240 V, 50/60 Hz input
- Fanless operation
- 5 kV lightning / 8 kV ESD protection

Product Display



Interface Overview

DATA IN / PoE OUT

Ethernet interfaces

AC power input

100-240 V AC, 50/60 Hz

Specifications

Model	GNT-53003
Product type	Double-port Gigabit PoE Injector
Ethernet interfaces	2 x RJ45; data input / PoE output
Ethernet speed	10 / 100 / 1000 Mbps
Transmission distance	Up to 100 m
AC input	100-240 V AC, 50/60 Hz
PoE output voltage	52 V DC
Maximum output power*	18 W maximum; 15 W port rating shown
PoE standard	IEEE 802.3af
Power pin assignment	1/2 (+), 3/6 (-)
Network standards	IEEE 802.3i / 802.3u / 802.3ab / 802.3x
Lightning protection	5 kV
ESD protection	8 kV
Dimensions (L x W x H)	77 x 43 x 28 mm
Weight	0.35 kg (manufacturer specification)
Operating temperature	-30 to +55 C
Storage temperature	-40 to +85 C
Humidity	0-95%, non-condensing
Color / cooling	Black / fanless

* Manufacturer lists 18 W maximum output and marks 15 W at the ports. Available power depends on the connected load.

Source: ITOONER GNT-53003 specifications, January 2026

* Specifications subject to change without notice.