

GVT-2012 RJ45 to SFP Gigabit Media Converter, PoE PSE

Product Images



Short Description

- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- IEEE 802.3af/at PoE PSE with 30W power budget
- 9K jumbo frames to increase data transfer rates
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- IEEE 802.3z Gigabit Ethernet compliant

Description

The GVT-2012 is a Single-Port, End-Span IEEE 802.3at High Power over Ethernet converter designed specifically to satisfy the growing demand for higher power required network equipment such as PTZ (Pan, Tilt & Zoom) network cameras, PTZ speed dome, color touch-screen VoIP telephones, multi-channel (IEEE 802.11a / b / g / n) wireless LAN access points and other network devices that need higher power to function normally. The GVT-2012 is High Power over Ethernet converter series is an ideal solution to delivering data and power to network devices directly via the RJ45 Port interface without the need for installing extra power outlets and electrical cabling.

Additional Information

Harmonized System (HS) code	851762
Customs product code (TARIC)	8517620000
Features	● Media conversion between 10/100/1000Base-T and 1000Base-X ● Supporting auto-sensing full-duplex and half-duplex operation ● Supporting auto-sensation of MDI/MDI-X, facilitating system commissioning and installation ● Store-and-Forward mechanism ● Support being powered by PoE via UTP cable and AC/DC adaptor
Data rate	Gigabit Ethernet
Fiber Optical Mode	Both
Media Interface	RJ45 to SFP
PoE Supported	Yes
Manageable	No
Grade	Commercial
Approval and Compliance	● CE ● UKCA ● FCC Part 15, Subpart B Class B ● RoHS
Operating humidity	5% RH ~ 90% RH
Operating temperature	0°C ~ 40°C
Storage humidity	5% RH ~ 90% RH
Storage temperature	-40°C ~ 70°C
Package Contents	● GVT-2012 ● Power adapter with power cord ● Quick Installation Guide ● Declaration of Conformity
Dimensions (W x D x H)	71 x 94 x 26 mm
Product weight (kg)	0.182
Color	Black
EAN	4015867227657
Model Number	GVT-2012

Indicators	● PWR (Power supply) ● FX (Optical link action) ● 1000 (TP cable rate 1000M) ● 100 (TP cable rate 100M) ● L/A (TP cable packet forwarding action) ● FDX (TP full duplex operation)
Jumbo frame (KB)	9
Mount	Desk mount
MTBF	400,000 hours
Port Configuration	1x 10/100/1000BASE-T RJ-45 PoE+ port, 1x 1000BASE-X SFP port
Power consumption	33 W (PoE full loading)
Power input	52VDC, 1.25A 65W
Power Output	● PoE 48V(802.3at) with 30W power budget ● Pin assignment and polarity : 1/2(+), 3/6(-)
Power supply	100-240 V, 50-60 Hz, 2A (Power adapter with power cord)
Power supply included	Yes
Standard	● IEEE802.3 10Base-T ● IEEE802.3u 100Base-TX ● IEEE802.3ab 1000Base-T ● IEEE802.3z 1000Base-SX/LX ● IEEE 802.3at POE+ ● IEEE 802.3af POE
Standards	IEEE 802.3 10-BASE-T, Ethernet, IEEE 802.3u 100-BASE-TX, Fast Ethernet, IEEE 802.3ab 1000BASE-T, Gigabit Ethernet, IEEE 802.3af Power over Ethernet (PoE), IEEE 802.3at Power over Ethernet Plus (PoE+), IEEE802.3z 1000Base-SX/LX
Transmission Method	Store and forward
Wavelength (nm)	Depend on SFP fiber optical transceiver

