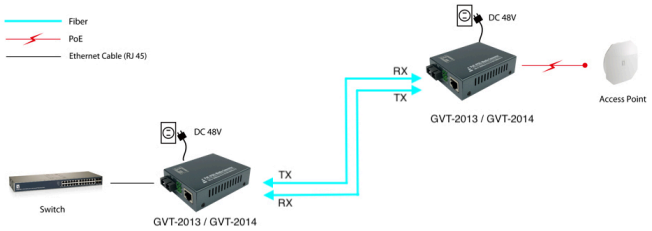
GVT-2014 RJ45 to SC Gigabit Media Converter, PoE PSE, Single-Mode Fiber, 20km

Product Images



Short Description

- Transfers data from 10/100/1000Base-T copper to fiber interfaces
- Single-Mode fiber with SC connector for transmission of up to 20km
- 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-2014 SMF SC media converter is able to convert network signals between copper and fiber-optic based networks. The converter provides a 10/100/1000Base-T RJ-45 port, supports full duplex and half duplex switch connectivity and 10Base-T, 100Base-TX and 1000Base-T auto-sensing. Used in Multi-Mode Fiber with fibre-optic cabling, this can extend a network range up to 20km. The device features built-in Dip switches for easy converter configuration, which function on the Smart LFP (Link Fault Pass-through), allowing the converter to monitor both the fiber and copper ports for signal loss, as well as cut through and smart pass through mode.

The GVT-2014 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/ ac/ ax) wireless LAN access points and other network devices that need higher power to function normally. The GVT-2014 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

Operating humidity	5% RH ~ 90% RH
Operating temperature	10°C ~ 60°C
Indicators	● PWR (power supply) ● FX LINK (optical link action) ● TP 1000 (TP cable rate1000M) ● TP 100 (TP cable rate 100M) ● TP LINK/ACT (TP cable packet forwarding action) ● FDX (TP full duplex operation)
Jumbo frame (KB)	9
Mount	Desk mount
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 1.6A (Power adapter with power cord)
Standards	● IEEE802.3 10Base-T Ethernet ● IEEE802.3u 100Base-TX Fast Ethernet ● IEEE802.3ab 1000Base-T ● IEEE802.3z 1000Base-SX/LX Gigabit Ethernet ● IEEE 802.3x flow control ● IEEE 802.3at POE+ ● IEEE 802.3af POE
Wavelength (nm)	1310
Features	● 10/100/1000M media converter with SC fiber transeiver ● 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
Product weight (kg)	0.2
Color	Grey
EAN	4015867231227
Model Number	GVT-2014
Package Contents	● GVT-2014 ● Power adapter with power cable ● Quick Installation Guide ● Declaration of Conformity
Grade	Commercial
Data rate	Gigabit Ethernet
Media Interface	RJ45 to SMF SC
Manageable	No
Power input	DC IN : 48V, 2A
Power consumption	DC 48V : 40 W (full loading)
Dimensions (W x D x H)	70 x 94 x 26 mm