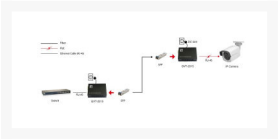
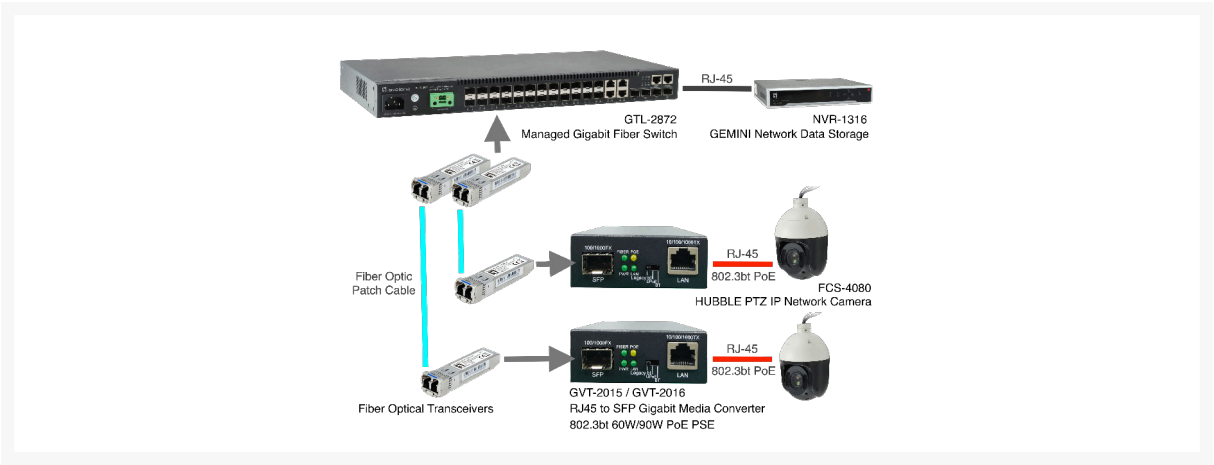
GVT-2015 RJ45 to SFP Gigabit Media Converter, 802.3bt 60W PoE PSE

Product Images





Short Description

Ultra-Fast Wired Connectivity: Supports Gigabit speeds (up to 1000 Mbps) for seamless

data transfer and lag-free network performance.
Flexible Power Delivery: Provides PoE++ (IEEE 802.3af/at/bt) on the copper port, eliminating the need for separate power adapters for compatible devices.
Effortless Network Setup: Auto-negotiation and auto-MDI/MDI-X ensure a smooth connection regardless of cable type.
Versatile Fiber Optic Options: Supports both Multi-mode and Single-mode fiber using LC connectors for extended network reach.
Enhanced Data Throughput: Accommodates jumbo frames (up to 9K bytes) for faster transmission of large files.
Wide Operating Temperature Range: Functions reliably in environments ranging from 0°C to 55°C.

Description

The LevelOne GVT-2015 is a Single-Port, End-Span IEEE 802.3bt High Power over Ethernet Media Converter with a total PoE budget of 60W. It is specifically designed to meet the growing power demands of network devices such as PTZ (Pan, Tilt & Zoom) network cameras, PTZ speed domes, color touchscreen VoIP telephones, multichannel (IEEE 802.11a/b/g/n/ac/ax) wireless LAN access points, and other network devices that require higher power to function normally. Equipped with an SFP port for Gigabit SFP transceivers, it can be used with both Multi Mode and Single Mode fibers, depending on the choice of transceiver. The GVT-2015 is the ideal solution for delivering data and power directly to network devices over the RJ45 interface, without the need for additional power outlets and electrical cabling, thanks to its high Power over Ethernet performance.

Additional Information

Harmonized System (HS) code	851762
Customs product code (TARIC)	851762
Data rate	Gigabit Ethernet
Fiber Optical Mode	Both
Media Interface	RJ45 to SFP
PoE Supported	Yes
Manageable	No
Grade	Commercial
Approval and Compliance	● CE ● LVD ● UKCA ● FCC CFR Title 47, Part 15, Subpart B Class A ● RCM ● SAA ● RoHS
Operating humidity	10% RH ~ 90% RH
Operating temperature	0°C ~ 50°C
Storage humidity	5% RH ~ 90% RH
Storage temperature	-40°C ~ 80°C
Package Contents	● GVT-2015 ● Power Adapter with Power Cable ● Quick Installation Guide ● Declaration of Conformity
Dimensions (W x D x H)	93.5 x 70 x 26 mm
Product weight (kg)	0.32
Color	Black
EAN	4015867238004
Model Number	GVT-2015
Indicators	PWR (Green), LAN (Green), PoE(Green), Fiber(Green)
Jumbo frame (KB)	9K Bytes
Mount	Desk mount
Port Configuration	● 1x 10/100/1000 Mbps RJ-45 copper port ● 1x 100/1000 Mbps SFP slot

Power consumption	● 0.97W (without PoE) ● 72.4W (full loading PoE on)
Power input	100-240V~ 50/60Hz 1.8A Max
Power Output	DC 54.5V, 1.32A 71.94W
Power supply	100-240V~ 50/60Hz 1.8A Max (Power adapter with power cord)
Power supply included	Yes
Standard	● IEEE802.3 10Base-T Ethernet ● IEEE802.3u 100Base-TX Fast Ethernet ● IEEE802.3ab 1000Base-T ● IEEE802.3z 1000Base-X Gigabit Ethernet ● IEEE 802.3x flow control ● IEEE 802.3af POE ● IEEE 802.3at POE+ ● IEEE 802.3bt POE++