Gigabit Ethernet Smart Unmanaged PoE Switch

ROBOfiber™

GES-1602A-PSE

16 x 10/100/1000Base–Tx and 2 x 1000Base-X SFP Smart Unmanaged Switch

The GES-1602A-PSE is a 16 port Gigabit Ethernet 10/100/1000Base-Tx & 2x 1000Base-X SFP non-managed Smart Ethernet Switch, with DIP switch function settings. The GES Smart Switch is 1RU 19" wide format ideal for security commercial applications. The Gigabit Smart Switches have DIP switches for function settings without need of any management, giving a very easy setup for most demanded of a managed switch settings without the need of advanced settings for the IP network.

Features

- 1RU 19" rack mountable format
- Smart Unmanaged design (settings via DIP switches)
- Embedded AC (100-240V) power supply
- Store and Forward switching mechanism
- VLAN, QoS, Extended mode, PoE reset modes available

- Auto-Negotiation & Auto MDI/MDI-X on every RJ45 port
- Supports 2kV surge protection per port on all TP ports
- Supports port based VLAN for all TP ports
- 250m copper TP reach for 10M speeds

Specifications

IEEE Standard	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u 100Base-TX and 100Base-FX Fast Ethernet
	IEEE 802.3ab 1000Base-T and 1000Base-X Gigabit Eth.
	IEEE 802.3x Flow Control and Back Pressure
Switch Architecture	Back-plane (Switching Fabric): 40 Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x flow control, back pressure flow control
Provides Broadcast Storm Protection	Present
MAC Address Table	8K
Packet Buffer Size	2MB
Ports	16 x RJ-45 10/100/1000Base-Tx
	2 x 1000Base-X SFP slot
	10/100/1000Base-TX auto negotiation speed,
	Auto MDI/MDI-X function, Full/Half duplex
Network Cable	10Base-T: 2-pair UTP/STP Cat.5 cable
	100Base-TX: 2-pair UTP/STP Cat. 5 cable
	1000Base-T: 4-pair UTP/STP Cat. 5e cable
	EIA/TIA-568 100-ohm (100m)
Protocols	CSMA/CD

Operating Humidity	10% to 80% (Non-condensing)
Storage Temperature	-40 ~ 85°C
Housing	Metal, IP30 Protection
Dimensions	440 x 395 x 45mm (D x W x H)
Weight	3.65kg
Installation Mounting	19" rack mounting brackets
LED	Per unit: PWR (Green)
	LNK/ACT (Green - Fiber port status and activity)
	Per port: Link/Active (Green), Speed/100 (Yellow)
Power Supply	Single AC (100~240V) power input
Power Consumption	<370W
	350W of PoE budget with max. 30W per port PoE
MTBF	70,000Hrs
Warranty	3 years

Application

GES-1602A-PSE Gigabit Ethernet Switch Application

Ordering Information

Model Name	Description
GES-1602A-PSE	16x 10/100/1000Base-Tx to 2x 1000Base-X SFP Non-managed Smart Switch with DIP switch settings

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Gigabit Switch