GEP-2650 Version: 1

26-Port Web Smart Gigabit PoE Switch, 802.3at PoE+, 24 PoE Outputs, 370W, 2 x SFP

LevelOne GEP-2650 24-Port Gigabit PoE Managed Switch is a layer 2 wire-speed Ethernet managed switch integrated with 24 10/100/1000Mbps PoE ports (Auto MDI/MDIX) and 2 SFP ports.Integrated with 24 10/100/1000Mbps Ethernet ports that support standard 802.3af/802.3at PoE protocols, with a total PoE power supply up to 370W,
GEP-2650 can effectively power IP phone, wireless AP, portable charger, POS machine, IP camera and data collector, etc. GEP-2650 focuses on Ethernet services access and aggregation, centralized power supply for small and medium sized enterprise, hotel, chain store and Internet café.

Key Features

- 24 PoE-Plus Gigabit Ethernet ports and 2 Gigabit SFP slots
- Total PoE power budget: 370W, up to 30W per port
- 10K jumbo frames to increase data transfer rates
- Supports 8K MAC address auto-learning and auto-aging
- Web-based and SNMP Management
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- IEEE 802.3ad LACP for auto port aggregation

Specifications

System Specifications

Standards & Protocols:
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3ab 1000BASE-T, Gigabit Ethernet
IEEE 802.3z 1000BASE-X,Gigabit Ethernet
IEEE 802.1Q Virtual LANs (VLANs)
IEEE 802.3ad Link Aggregation Control Protocol (LACP)
IEEE 802.3af Power over Ethernet (PoE)
IEEE 802.3at Power over

Memory:
128M

Buffer Memory:
8Mbit

Connectors and Cabling:
24x RJ-45 10/100/1000BASE-T PoE-Plus ports
2 x 100/1000Base-X SFP Slots

Button/Knob:
none

Indicator:
Link/Act, 1000M led
Link/Act, 10/100M led
PoE led
SYS led

Transmission Method:
Store and Forward

Power Input:
100-240V AC, 50-60 Hz, Internal Power Supply

Power Consumption:
< 370W

Features

General:
Virtual Local Area Network (VLAN):
802.1Q tag-based VLAN - up to 256 VLANs and 4096 VLAN IDs
DHCP: snopping
IGMP:
IGMP v1/v2/v3 snooping
Port Mirroring:
Port Trunking:
IEEE 802.3ad LACP Trunk -Static Trunk up to 16 trunk groups

PoE:
370W Max
15.4W per port (24 ports, 802.3af)
or 30W per port(12 ports, 802.3at)

Security:
user management and password protection

Management:
Dynamic Power Management

Performance

Backplane (Gbps):
52Gbps

MAC Address Table:
8000

Data Transfer Rate:
10/100/1000/10000Mbps

Packet Forwarding Rate:
39Mpps

Jumbo Frame (K):
10240Byte

Environment

Power Saving:
AC 100 – 240 V, 50/60Hz

Temperature (°C):
Operating: 0°C ~ 40°C
Storage: -40°C ~ 70°C

Humidity (Non-condensing):
Storage: 5% ~ 95%
Operating: 10 ~ 90%

Physical Specifications

Dimensions (W x D x H mm):
440×315×44mm

Weight (g):
5000g

Approval and Compliance

EMI/EMS:
CE

Order Information

GEP-2650

Package Contents

GEP-2650
Power Cord
Quick Installation Guide
Resource CD (User Manual, QIG)
Bracket
Console Cable