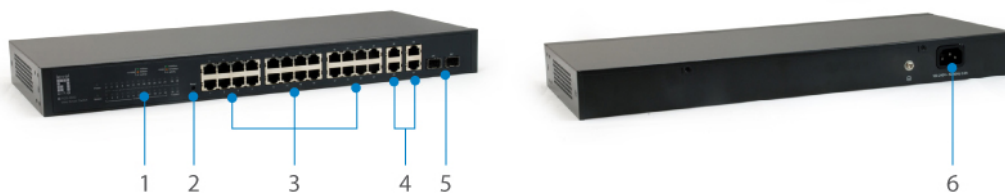




Web Smart Switch, 24 ports RJ-45 Fast Ethernet, 4 ports RJ-45 Gigabit Ethernet with 2 ports shared SFP fiber optical

LevelOne FGS-2800 is Fast Ethernet switch with 24 10/100Mbps ports and 4 10/100/1000Mbps Ports shared 2 SFP(mini GBIC) ports, providing you a cost-effective, space-saving solution for expanding your network. making you be able to transfer high bandwidth-needed files larger and faster in an easy way. And the two gigabit SFP ports allow you to add fiber-optic connectivities for connecting to other network switches to obtain long-distance communication.

This FGS-2800 device provides the easy management function, the network administrator can configure the status and the port function setting of the device through the Web-Based UI. When installing the auto-discovery management tool helps network managers to search and access those switches on LAN easily. Therefore, network managers can access switches that support autodiscovery on LAN without memorizing IP address.



1. LED Indicators
2. Reset Button
- 3.10/100Mbps Ports
4. 10/100/1000Mbps Ports

5. SFP Slot
6. Internal Power Socket

Key Features

- 10/100/1000Mbps wire speed transmission and reception
- IEEE 802.1d/w/s Spanning Tree Protocol (MSTP) and port mirroring
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- IEEE 802.1p QoS with 4 priority queues
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- Supports 16K MAC address auto-learning and auto-aging
- 10K jumbo frames to increase data transfer rates



- 19-inch metal housing
- Internal power supply

Specifications

System Specifications

Processor:

RTL8328S+RTL8208D+RTL8214B

Memory:

8MB Flash
32MB DDR

Buffer Memory (KB):

2560KB

Connectors and Cabling:

24 x 10/100BASE-TX RJ-45 ports
4 x 10/100/1000BASE-T RJ-45 ports with 2 shared 100/1000Base-X SFP Slot

Button:

Reset Button

Indicator:

Power, System, 10/100Mbps, 10/100/1000Mbps

Transmission Method:

Store-and-Forward

Power:

Power Consumption: 12.48W
Power Input: 100-240V AC, 50-60 Hz, Internal Power Supply

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 802.1p Quality of Service (QoS)
IEEE 802.1Q Virtual LANs (VLANs)
IEEE 802.1d Standard Spanning Tree Protocol (STP)
IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
IEEE 802.3x Flow Control (full-duplex flow control)

Features

General:**Quality of Service (QoS):**

Traffic classification based on IEEE 802.1p CoS, DSCP, Supports WRR,
Rate Limiting - Ingress resolution; Egress resolution

Spanning Tree:

IEEE 802.1d Spanning Tree Protocol (STP)
IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
Loop/Root Guard, TC-BPDU Guard, BPDU Guard/Filter

Virtual Local Area Network (VLAN):

802.1Q tag-based VLAN - up to 4096 VLAN IDs

Security:

Storm Control:

Prevents traffic on a LAN from being disrupted by a broadcast, multicast, or unicast storm on a port

Access Control:

HTTPS; Manage VLAN assignment

Port security: access control port-based

Filtering: Port-/MAC-/IP-based security

Management:

Diagnosis:

syslog

Network:

RMON (groups 1, 2, 3 and 9) Management; SNMP v1, v2c, v3; HTTPs

Ease of Use:

Firmware and Configuration: upgrade/downgrade via HTTP

Performance**Backplane (Gbps):**

12.8Gbps

MAC Address Table:

16K

Data Transfer Rate:

10/100/1000Mbps

Packet Forwarding Rate:

1000Mbps port - 1,488,000pps

100Mbps port - 148,000pps

10Mbps port - 14,880pps

Jumbo Frame (K):

10KB

Environment**Temperature (°C):**

Operating: 0°C ~ 40°C

Storage: -40°C ~ 70°C

Humidity (Non-condensing):

Storage: 5% ~ 90%

Operating: 10 ~ 90%

Physical Specifications**Dimensions (W x D x H mm):**

440 x 180 x 44 mm

Weight (g):

2288 g

Others**Approval and Compliance:**

FCC Part 15 Class A, CE

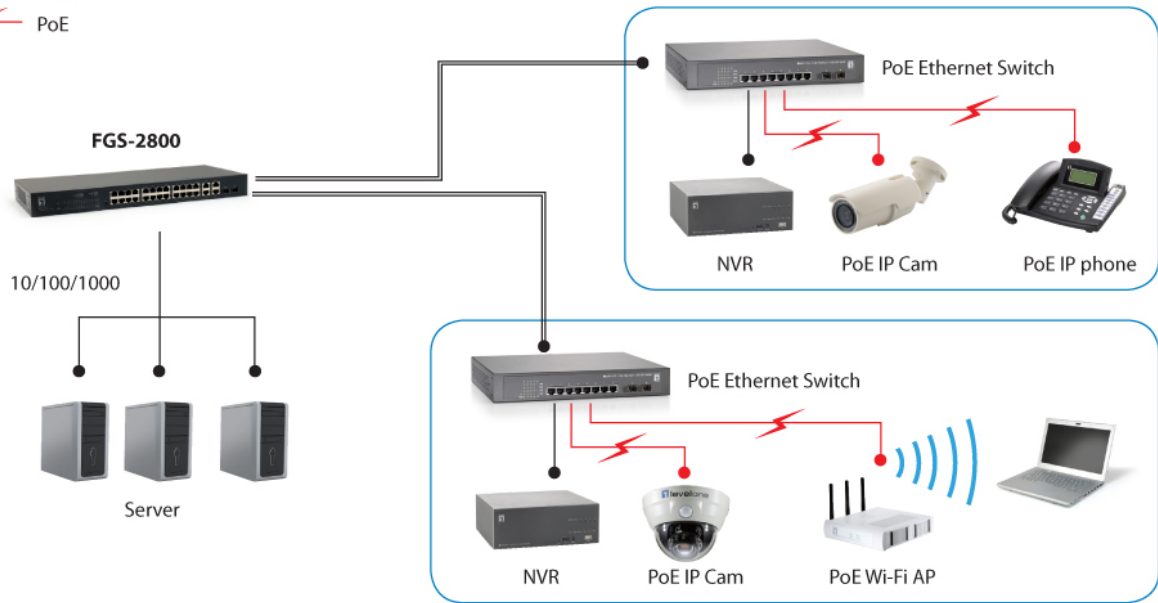
Deployment:

19-inch rack-mountable



Diagram

- Ethernet Cable (RJ 45)
- Fiber
- ⚡ PoE



Order Information

FGS-2800

Package Contents

- Power Cord
- 19" Rackmount Kit
- Rubber Feet
- Quick Installation Guide
- Resource CD (User Manual)

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