24-Port 10/100/1000 Base-T +2x

Tuote

Tuotekoodi: GS-4210-24P2S

Tekniset tiedot



24-Port 10/100/1000Base-T +2x

Physical Port

• 24-port 10/100/1000BASE-T Gigabit RJ45 copper

• 2 100/1000BASE-X mini-GBIC/SFP slots

• RJ45 console interface for switch basic management and setup

• Reset button for system factory default and reboot
Switching

• Hardware-based 10/100Mbps, half/full duplex and 1000Mbps
full duplex mode, flow control and auto-negotiation, and auto
MDI/MDI-X

• Features Store-and-Forward mode with wire-speed filtering and
forwarding rates

• IEEE 802.3x flow control for full duplex operation and back
pressure for half duplex operation

• 9K jumbo frame

• Automatic address learning and address aging

• Supports CSMA/CD protocol
Power over Ethernet

• Complies with IEEE 802.3at High Power over Ethernet

• Complies with IEEE 802.3af Power over Ethernet

• Up to 24 ports of IEEE 802.3af/802.3at devices powered

• Supports PoE Power up to 30.8 watts for each PoE port

• 300-watt PoE budget

• Auto detects powered device (PD)

• Circuit protection prevents power interference between ports

• Remote power feeding up to 100 meters in standard mode and
250m in extend mode

• PoE Management
– Total PoE power budget control
– Per port PoE function enable/disable
– PoE Port Power feeding priority
– Per PoE port power limitation
– PoE delay
– PD classification detection

• Intelligent PoE features
– PoE usage threshold control
– PD alive check
– PoE schedule
Layer 2 Features

• Prevents packet loss with back pressure (half-duplex) and IEEE
802.3x pause frame flow control (full-duplex)

• High performance Store and Forward architecture, runt/CRC
filtering eliminates erroneous packets to optimize the network
bandwidth

• Supports VLAN
– IEEE 802.1Q tagged VLAN
– Provider Bridging (VLAN Q-in-Q) support (IEEE 802.1ad