

Tehničke karakteristike artikla: QLGE2861 -

L2 upravljivi preklopnik, 24x10/100/1000T + 4xSFP, 19"



Detalji artikla

The QLGE2861 - is a Layer 2 managed switch designed for the SMB market. The switch can be deployed in different target network topologies. As well as IPv4 and IPv6 features.

The QLGE2861 - includes the best green-saving technologies (IEEE 802.3az and Green-Ethernet). Using the Energy Efficient Ethernet standard, the switch automatically decreases power usage when network traffic is low.

Key-Features

- 24 Gigabit Ethernet ports and 4 Gigabit SFP slots
- IEEE 802.1d/w/s Spanning Tree Protocol (STP) and port mirroring
- IEEE 802.3ad LACP for auto port aggregation
- Supports Access Control List (ACL) authentication of up to 512 entries and port-based security with IEEE802.1X
- IP Multicast Filtering through IGMP Snooping V1 / V2 / V3
- Supports port-based VLAN, IEEE 802.1Q VLAN Tagging
- Supports IPv4/IPv6 network operation
- IEEE 802.1p QoS with 8 priority queues
- Virtual stacking supports up to 36 switches in a single logical stack for unified management, monitoring and management

Technical Data

- Approval and compliance
 - CE, FCC Class A
 - EN 55022 (CISRP 22) Class A
 - EN 61000-3-2/3

- VCCI
- CSA (CSA 22.2 NO 60950-1 & UL 60950-1)
- CB (IEC/EN60950-1)
- RoHS
- Max. operating humidity
 - 90%
- Max. operating temperature
 - 50°C
- Min. operating humidity
 - 10%
- Acoustic noise
 - 0 dB (A)
- Backplane
 - 56Gbps
- Packet buffer
 - 4.1 Mbits
- Indicators
 - Power
 - Link/Active
- Jumbo frame
 - 10KB
- MAC address table
 - 8K
- RAM size
 - 256MB
- Flash memory size
 - 32MB
- Mount
 - 19" rack mount
- Power supply
 - 100-240 VAC
 - 50-60 Hz
- Chipset
 - MIPS 4Kec 500MHz

Standards

- 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-SX/LX/LHX/ZX Transceivers
- IEEE 802.1p Quality of Service (QoS)
- IEEE 802.1Q Virtual LANs (VLANs)
- IEEE 802.1D MAC Bridges
- IEEE 802.1d Standard Spanning Tree Protocol
- IEEE 802.1s Multiple Spanning Tree (MSTP)
- IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
- IEEE 802.3x Flow Control
- IEEE 802.3ad Link Aggregation Control Protocol (LACP)
- IEEE 802.3az Energy-Efficient Ethernet
- Link Layer Discovery Protocol (LLDP)

Eigenschaften

- Management NTP/SNTP
- System password protection
- Dual Image/Configuration
- Configuration upload/download (HTTP/TFTP/FTP/SFTP)
- Firmware upload/download (HTTP/TFTP/FTP/SFTP)
- Auto Firmware Upgrade
- RMON (groups 1,2,3 and 9)
- SNMP
- SNMP Trap
- SNMP v1/v2c/v3
- SNMP Standard/Private MIB
- Management Access (Console/SNMP/Web /Telnet)
- Memory Flash Log
- Event/Error Log/Syslog
- DHCP v4/v6 Client/DHCP Snooping
- DHCP Snooping Option82
- Dynamic Provision (via Option 66,67)
- DHCP Relay v4 (v6)
- Port Mirroring (One to One) TX/RX (both)
- DNS Client without DNS proxy Flow Control
- IEEE 802.3x for full duplex mode
- Back-pressure for half-duplex mode Spanning Tree Protocol
- IEEE 802.1D Spanning Tree Protocol (STP)
- IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
- IEEE 802.1s Multiple Rapid Spanning Tree Protocol (MSTP, 64 instances)
- Loopback Detection
- BDPU Filter/Guard
- BDPU Forward
- Root Guard VLANs
- Supports 4K IEEE 802.1Q VLANs
- Port-Based/MACBased/IEEE802.1v (Protocol-Based VLAN)
- Guest VLAN
- Auto Voice VLAN Link Aggregation
- Static Trunk
- IEEE 802.3ad(802.1ax) Link Aggregation Control Protocol (LACP) IGMP Snooping
- IGMP v1/v2/v3 snooping
- IGMP Filtering/Throttling
- IGMP Queries
- IGMP Immediate leave

- MLD Snooping
 - LLDP/LLDP-MED Green-Saving
 - IEEE 802.3az/Cable Length/No Link Power-Saving
 - Cable Diagnostic
 - Q-in-Q
 - mDNS
 - IP Clustering (Software Stacking) QoS Features
 - Rate Limiting (Ingress/Egress Port-Based): 64 Kbps ~ 1000 Mbps, Resolution 16 Kbps
 - Priority Queues Schedule (WRR/Strict Priority/Hybrid QoS)
 - Port-Based QoS
 - IPv4/IPv6 DSCP
 - DiffServ
 - Auto VoIP
 - 8 HW Queues per port
 - Dynamic QoS Security
 - DDOS Protection
 - CPU Guard (CPU Protection)
 - Port Isolation
 - Port Mirror (One to One, One to Many)
 - Remote Mirror
 - Storm Control
 - Broadcast/Multicast/Unknown Storm Control
 - IEEE 802.1X
 - ACL (Entry: 512)
 - Port Security
 - MAC Filter
 - MAC Authentication
 - Port max count per port
 - Dynamic VLAN Assignment
 - Dynamic ARP Inspection
 - AAA (RADIUS/TACACS+)
 - IP Source Guard
 - SSH v1.5/v2.0
 - SSL v1/v2/v3
 - SSL IPv4/IPv6
 - SFlow (Trace on port - Ingress only)
 - Web Authentication IPv6
 - IPv4/IPv6 Dual Protocol Stack
 - IPv6 Management
 - IPv6 Ping/Trace
 - IPv6 Telnet
 - IPv6 Syslog
 - IPv6 TFTP
 - HTTP over IPv6
 - SNMP over IPv6 L3 Features
 - Static Routing
 - RIP
-
- Product weight
 - 2.2kg
 - Product breadth

- 220mm
- Product depth
 - 44mm
- Product height
 - 440mm
- Color
 - Black
- EAN
 - 4015867198063
- Model number
 - QLGE2861-
- Console RJ45
 - 1
- Gigabit RJ45
 - 24
- Gigabit SFP
 - 4
- Switching capacity
 - 56 Gbps
- Grade
 - Commercial
- Data Rate
 - Gigabit Ethernet
- PoE Supported
 - No
- Manageable
 - Yes
- Fanless
 - Yes
- Concurrent ports
 - Total 28.00
- Series
 - KILBY series
- Power consumption
 - 20W
- Heat dissipation
 - 68,242 (Btu/H)
- MTBF

o 563,826 hrs

Package contents

- QLGE2861-
- Power Cord
- Console Cable
- 19" Rack Mount Kit
- Quick Installation Guide
- Resource CD (User Manual, QIG)

Tehnički podaci

Neto širina (mm)	440,00
Neto visina (mm)	44,00
Neto dubina (mm)	220,00
Proizvod	Ethernet Switch
Brzina	10/100/1000Mbps
Portovi	28
Način montaže	19"

Tabela artikla

OPIS	Kat. broj
L2 upravljivi preklopnik, 24x10/100/1000T + 4xSFP, 19"	QLGE2861
Dodatni pribor	
FO-Modul SFP 1000BaseSX LC Multimode VCSEL 850nm, 550m for devices of the QL ... Series	QLSFP3001
FO-Modul SFP 1000BaseLX LC Singlemode 1310nm, 10km for devices of the QL ... Series	QLSFP3211
19" Set za fiksiranje opreme M6 (vijak+kavez matica), 4 kom	DSSRA004
Patch kabl RJ45, Cat.6, S/FTP, PVC, sivi, 0,5m	H6GLG00K5G
Patch kabl RJ45, Cat.6, S/FTP, PVC, sivi, 1m	H6GLG01K0G
Patch kabl RJ45, Cat.6, S/FTP, PVC, sivi, 2m	H6GLG02K0G
Patch kabl RJ45, Cat.6, S/FTP, PVC, sivi, 3m	H6GLG03K0G
Patch kabl RJ45, Cat.6, S/FTP, PVC, sivi, 5m	H6GLG05K0G
Patch kabl RJ45, Cat.6, S/FTP, PVC, sivi, 10m	H6GLG10K0G
Patch kabl RJ45, Cat.6, S/FTP, PVC, sivi, 20m	H6GLG20K0G