

Planet Industrial L3 8-Port GE+ 2x 2.5G SFP+ 10G Switch 0,1 Gbps ARP BOOTP DHCP DNS HTTP IPv6 NTP RMON SNMP TCP/IP Telnet UDP Duplex Power over Ethernet RS-232 RJ-45 Managed



Artikelnummer 999947596

Gewicht 1kg

Länge 1mm

Breite 1mm

Höhe 1mm

Produktbeschreibung

Planet Industrial L3 8-Port GE+ 2x 2.5G SFP+ 10G Switch 0,1 Gbps ARP BOOTP DHCP DNS HTTP IPv6 NTP RMON SNMP TCP/IP
Telnet UDP Duplex Power over Ethernet RS-232 RJ-45 Managed

Produktbeschreibung:

8x 10/100/1000BASE-T Gigabit Ethernet RJ45 ports
with 802.3bt PoE++ Injector function 2x 100/1000BASE-X
SFP slots for SFP type auto detection 2x 10 GBASE-SR/LR SFP+ slots,
compatible with 1000BASE-X SFP One RJ45-to-RS232
console interface for basic management and setup

Industrial Hardened-design: Dual power input,
redundant power with reverse polarity protection
DC 48 to 56V input Active-active redundant power
failure protection Backup of catastrophic power
failure on one supply Fault tolerance and resilience
DIN-rail and wall-mountable design IP30 aluminum
case Supports 6000V DC Ethernet ESD protection
-40 to 75 degrees C operating temperature Digital
Input and Digital Output: 2 Digital Input (DI)
2 Digital Output (DO) Integrate sensors into auto
alarm system Transfer alarm to IP network via
email and SNMP trap 802.3bt Power over Ethernet:
Complies with IEEE 802.3bt Power over Ethernet
Plus Plus Type-4 PSE Backward compatible with
IEEE 802.3at/af PD device Up to 8 ports of IEEE
802.3af/IEEE 802.3at/IEEE 802.3bt PoE++ devices
powered Supports PoE power up to 95 watts for
each PoE port Total of 360-watt PoE budget Auto
detects powered device (PD) Circuit protection
prevents power interference between ports Remote
power feeding up to 100m PoE management features
Total PoE power budget control Per port PoE function
enable/disable PoE admin-mode control PoE port
power feeding priority Per PoE port power limit

PD classification detection PoE extend mode control
to support power feeding up to a distance of up
to 160 meters Intelligent PoE features Temperature
threshold control PoE usage threshold control
PD alive check PoE schedule Layer 3 IP Routing
Features: IP dynamic routing protocol supports
OSPFv2 IPv4/IPv6 hardware static routing Routing
interface provides per VLAN routing mode Layer
2 Features: High performance of Store-and-Forward architecture,
and runt/CRC filtering eliminates erroneous packets
to optimize the network bandwidth Storm Control
support Broadcast/Multicast/Unicast Supports VLAN
IEEE 802.1Q tagged VLAN Up to 255 VLANs groups,
out of 4095 VLAN IDs Supports provider bridging
(VLAN Q-in-Q IEEE 802.1ad) Private VLAN Edge (PVE)
Protocol-based VLAN MAC-based VLAN Voice VLAN
GVRP (GARP VLAN Registration Protocol) Supports
Spanning Tree Protocol IEEE 802.1D Spanning Tree
Protocol (STP) IEEE 802.1w Rapid Spanning Tree
Protocol (RSTP) IEEE 802.1s Multiple Spanning
Tree Protocol (MSTP),
spanning tree by VLAN BPDU Guard Supports Link
Aggregation 802.3ad Link Aggregation Control Protocol
(LACP) Cisco ether-channel (static trunk) Maximum
4 trunk groups with 4 ports per trunk group Up
to 40Gbps bandwidth (duplex mode) Provides port
mirror (many-to-1) Port mirroring to monitor the
incoming or outgoing traffic on a particular port
Loop protection to avoid broadcast loops Link
Layer Discovery Protocol (LLDP) Compatible with
Cisco uni-directional link detection(UDLD) that
monitors a link between two switches and blocks
the ports on both ends of the link if the link
fails at any point between the two devices Supports
G.8032 ERPS (Ethernet Ring Protection Switching)
IEEE 1588 and Synchronous Ethernet network timing
Quality of Service: Ingress Shaper and Egress
Rate Limit per port bandwidth control 8 priority
queues on all switch ports Traffic classification
IEEE 802.1p CoS IP TOS/DSCP/IP precedence IP TCP/UDP
port number Typical network application Strict
priority and Weighted Round Robin (WRR) CoS policies
Supports QoS and In/Out bandwidth control on each
port Traffic-policing on the switch port DSCP
remarking Multicast: Supports IPv4 IGMP snooping v1,
v2 and v3 Supports IPv6 MLD snooping v1 and v2
Querier mode support IPv4 IGMP snooping port filtering
IPv6 MLD snooping port filtering MVR (Multicast
VLAN Registration) Security: Authentication
IEEE 802.1X Port-based/MAC-based network access
authentication Built-in RADIUS client to cooperate
with the RADIUS servers TACACS+ login users access
authentication RADIUS/TACACS+ users access authentication
Guest VLAN assigns clients to a restricted VLAN
with limited services Access Control List IP-based
Access Control List (ACL) MAC-based Access Control
List Source MAC/IP address binding DHCP snooping
to filter distrusted DHCP messages Dynamic ARP

Inspection discards ARP packets with invalid MAC
address to IP address binding IP Source Guard
prevents IP spoofing attacks IP address access
management to prevent unauthorized intruder
Management: IPv4 and IPv6 dual stack management
Switch Management Interfaces Console and Telnet
Command Line Interface HTTP web switch management
SNMP v1 and v2c switch management SSH,
TLS, SSL and SNMP v3 secure access SNMP Management
Four RMON groups (history,
statistics, alarms, and events) SNMP trap for
interface Link Up and Link Down notification IPv6
IP address/NTP/DNS management Built-in Trivial
File Transfer Protocol (TFTP) client BOOTP and
DHCP for IP address assignment System Maintenance
Firmware upload/download via HTTP/TFTP Reset button
for system reboot or reset to factory default
Dual Images DHCP Relay DHCP Option 82 DHCP Server
User Privilege levels control Network Time Protocol
(NTP) Network Diagnostic System Maintenance SFP-DDM
(Digital Diagnostic Monitor) Cable diagnostic
technology provides the mechanism to detect and
report potential cabling issues ICMPv6/ICMPv4
remote ping SMTP/Syslog remote alarm System Log
PLANET Smart Discovery Utility for deployment management
Technische Details:

Allgemeines

Typ

Switch

Diverse Produktfeatures (Wasserdicht, Lautstärkeregler, ...)

Managed

Schnittstellen/Konnektivität

Portzahl

8-Port

Übertragungsmodus

Duplex

Universelle Schnittstellen

RS-232

Netzwerk

Netzwerkprotokolle

ARP; BOOTP; DHCP; DNS; HTTP; IPv6; NTP; RMON; SNMP; TCP/IP; Telnet; UDP

Netzwerkstandards

Ethernet; Power over Ethernet

Netzwerkports

RJ-45

Technische Daten

Übertragungsrate

0,1 Gbps

Weitere Bilder

