Planet Switch managed 4 x 10/100/1000 + 4 x PoE an DIN-Schiene montierbar 144 W

PLANET IGS-4215-4P4T Switch kaufen. Managed 8-Port PoE mit DIN-Schienenmontage. Schnelle Lieferung & Top Service. Jetzt bei Future-X bestellen!

Artikelnummer	999947553
Gewicht	1kg
Länge	1mm
Breite	1mm
Höhe	1mm

Produktbeschreibung

Planet Switch managed 4 x 10/100/1000 + 4 x PoE an DIN-Schiene montierbar 144 W

Produktbeschreibung:

8-port 10/100/1000BASE-T Gigabit RJ45 copper with 4-port IEEE 802.3at/af PoE Injector (Port-1 to Port-4) RJ45 console interface for switch basic management and setup Power over Ethernet Complies with IEEE 802.3at Power over Ethernet Plus, end-span PSE Backward compatible with IEEE 802.3af Power over Ethernet Up to 4 ports of IEEE 802.3af/802.3at devices powered Supports PoE power up to 36 watts for each PoE port Auto detects powered device (PD) Circuit protection prevents power interference between ports Remote power feeding up to 100 meters PoE management - Total PoE power budget control - Per port PoE function enable/disable - PoE port power feeding priority - Per PoE port power limitation - PD classification detection - PD alive-check - PoE schedule Industrial Case & Installation IP30 aluminum case DIN-rail and wall-mounted design Supports -40 to 75 degrees C operating temperature Supports ESD 6KV DC Ethernet protection Redundant power design - 48V~56V DC wide power input Switching Hardware based 10/100Mbps (half/full duplex), 1000Mbps (full duplex), 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 8K MAC address table size 10K jumbo frame Automatic address learning and address aging Supports CSMA/CD protocol Layer 2 Features Supports VLAN - IEEE 802.1Q tagged VLAN - Provider bridging (VLAN Q-in-Q, IEEE 802.1ad) support - Protocol VLAN - Voice VLAN - Private VLAN (Protected port) - Management VLAN - GVRP Supports Spanning Tree Protocol - STP (Spanning Tree Protocol) - RSTP (Rapid Spanning

Tree Protocol) - MSTP (Multiple Spanning Tree Protocol) - STP BPDU Guard, BPDU Filtering and BPDU Forwarding Supports Link Aggregation - IEEE 802.3ad Link Aggregation Control Protocol (LACP) - Cisco ether-channel (static trunk) - Maximum 4 trunk groups, up to 4 ports per trunk group Provides port mirror (many-to-1) Loop protection to avoid broadcast loops Quality of Service Ingress/Egress Rate Limit per port bandwidth control Traffic classification - IEEE 802.1p CoS - TOS/DSCP/IP precedence of IPv4/IPv6 packets Strict priority and Weighted Round Robin (WRR) CoS policies Multicast Supports IPv4 IGMP snooping v2, v3 Supports IPv6 MLD snooping v1, v2 IGMP querier mode support IGMP snooping port filtering MLD snooping port filtering Security Storm Control support - Broadcast/unknown unicast/unknown multicast Authentication - IEEE 802.1X port-based network access authentication - Built-in RADIUS client to cooperate with the RADIUS servers - DHCP Option 82 - RADIUS/TACACS+ authentication Access Control List - IPv4/IPv6 IP-based ACL - IPv4/IPv6 IP-based ACE - MAC-based ACL - MAC-based ACE MAC Security - Static MAC - MAC filtering Port security for source MAC address entries filtering 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 DoS attack prevention Management IPv4 and IPv6 dual stack management Switch Management Interface - IPv4/IPv6 Web switch management - Console and telnet Command Line Interface - SNMP v1, v2c, v3 - SSH and SSL secure access User privilege levels control Built-in Trivial File Transfer Protocol (TFTP) client Static and DHCP for IP address assignment System Maintenance - Firmware upload/download via HTTP/TFTP - Configuration upload/download through HTTP/TFTP - Hardware reset button for system reboot or reset to factory default - Dual images SNTP Network Time Protocol Cable diagnostics Link Layer Discovery Protocol (LLDP) Protocol and LLDP-MED SNMP trap for interface Link Up and Link Down notification Event message logging to remote syslog server Four RMON groups (history, statistics, alarms and events) PLANET Smart Discovery Utility Ideal, Cost-effective, Manageable PoE Solution for Hardened Environment Designed to be installed in heavy industrial demanding environments, the IGS-4215-4P4T is the new generation of PLANET Industrial-grade, DIN-rail type L2/L4 Managed Gigabit PoE+ Switch featuring PLANET intelligent PoE functions to improve the availability of critical business applications. It provides IPv6/IPv4 dual stack management and built-in L2/L4 Gigabit switching engine along with 4 10/100/1000BASE-T ports featuring 30-watt

802.3at PoE+ and 4 additional Gigabit copper ports.
The IGS-4215-4P4T is able to operate reliably,
stably and quietly in any environment without
affecting its performance.
It comes with a total power budget of up to 144
watts for different kinds of PoE applications
and operating temperature ranging from -40 to
75 degrees C in a rugged IP30 metal housing.
Built-in Unique PoE Functions for Powered Devices
Management As it is the managed PoE switch for surveillance,
wireless and VoIP networks, the IGS-4215-4P4T
features the following special PoE management
functions: PD alive check Scheduled power recycling
PoE schedule PoE usage monitoring Intelligent
Powered Device Alive Check The IGS-4215-4P4T can
be configured to monitor connected PD (Powered
Device) status in real time via ping action.
Once the PD stops working and responding, the
IGS-4215-4P4T will resume the PoE port power and
bring the PD back to work.
It will greatly enhance the network reliability
through the PoE port resetting the PD’s power
source and reducing administrator management burden.
Scheduled Power Recycling The IGS-4215-4P4T
allows each of the connected PoE IP cameras or
PoE wireless access points to reboot at a specific
time each week.
Therefore, it will reduce the chance of IP camera
or AP crash resulting from buffer overflow.
PoE Schedule for Energy Saving Under the trend
of energy saving worldwide and contributing to
environmental protection,
the IGS-4215-4P4T can effectively control the
power supply besides its capability of giving
high watts power.
The “PoE schedule” function helps you to enable
or disable PoE power feeding for each PoE port
during specified time intervals and it is a powerful
function to help SMBs or enterprises save power and budget.
It also increases security by powering off PDs
that should not be in use during non-business hours.
PoE Usage Monitoring and Intelligent LED Indicator
for Real-time PoE Usage Via the power usage chart
in the web management interface,
the IGS-4215-4P4T enables the administrator to
monitor the status of the power usage of the connected
PDs in real time.
Thus, it greatly enhances the management efficiency
of the facilities.
Moreover, the IGS-4215-4P4T helps users to monitor
the current status of PoE power usage easily and
efficiently via its advanced LED indication.
Called “PoE Power Usage”, the front panel of the
IGS-4215-4P4T has four LED indicators of different power usages.
Environmentally Hardened Design With the IP30
aluminum industrial case,
the IGS-4215-4P4T provides a high level of immunity
against electromagnetic interference and heavy

electrical surges which are usually found on plant floors or in curb-side traffic control cabinets without air conditioner.
Being able to operate under the temperature range from -40 to 75 degrees C, the IGS-4215-4P4T can be placed in almost any difficult environment.
IPv6/IPv4 Dual Stack Management Supporting both IPv6 and IPv4 protocols, the IGS-4215-4P4T helps the system integrators to step in the IPv6 era with the lowest investment as its network facilities need not be replaced or overhauled if the IPv6 network is set up.
Robust Layer 2 Features The IGS-4215-4P4T can be programmed for advanced switch management functions such as dynamic port link aggregation, 802.1Q VLAN, Q-in-Q VLAN, Multiple Spanning Tree Protocol (MSTP), Loop and BPDU Guard, IGMP Snooping, and MLD Snooping.
Via the link aggregation, the IGS-4215-4P4T allows the operation of a high-speed trunk to combine with multiple ports such as a 16Gbps fat pipe, and supports fail-over as well. Also, the Link Layer Discovery Protocol (LLDP) is the Layer 2 protocol included to help discover basic information about neighboring devices on the local broadcast domain.
Efficient Traffic Control The IGS-4215-4P4T is loaded with robust QoS features and powerful traffic management to enhance services to business-class data, voice, and video solutions. The functionality includes broadcast/multicast/unicast storm control, per port bandwidth control, 802.1p/CoS/IP DSCP QoS priority and remarking.
It guarantees the best performance in VoIP and video stream transmission, and empowers the enterprises to take full advantage of the limited network resources.
Friendly and Secure Management For efficient management, the IGS-4215-4P4T is equipped with web, Telnet and SNMP management interfaces.
With the built-in web-based management interface, the IGS-4215-4P4T offers an easy-to-use, platform-independent management and configuration facility.
By supporting the standard SNMP, the switch can be managed via any standard management software.
For text-based management, the switch can be accessed via Telnet.
Moreover, the IGS-4215-4P4T offers secure remote management by supporting SSH, SSL and SNMP v3 connections which encrypt the packet content at each session.

Technische Details:

Allgemein
Gerätetyp
Switch - managed
Gehäusetyp
An DIN-Schiene montierbar

Untertyp
Gigabit Ethernet
Ports
4 x 10/100/1000 + 4 x 10/100/1000 (PoE)
PoE-Budget
144 W
Leistung
Switching Fabric-Bandbreite: 16 Gbit/s
Durchsatz (64-Byte Paketgröße): 11,9 Mpps
Größe der MAC-Adresstabelle
8000 Einträge
Jumbo-Rahmenunterstützung
10KB
Remoteverwaltungsprotokoll
SNMP 1, Telnet, SNMP 3, SNMP 2c, HTTP, CLI
Verschlüsselungsalgorithmus
SSL
Authentifizierungsmethode
Secure Shell (SSH)
Leistungsmerkmale
VLAN-Unterstützung, Auto-Uplink (Auto MDI/MDI-X), IGMP Snooping, Store-and-Forward, Spanning Tree Protocol (STP)-Unterstützung, Rapid Spanning Tree Protocol (RSTP)-Unterstützung, Multiple Spanning Tree Protocol (MSTP)-Unterstützung, Unterstützung für Access Control List (ACL), Quality of Service (QoS), MLD-Snooping, robust, gekennzeichnetes VLAN, 6KV ESD Protector
Produktzertifizierungen
IEEE 802.3, IEEE 802.3u, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1ab (LLDP), IEEE 802.3at
Statusanzeiger
Stromversorgung, PoE, Link/Aktivität
Erweiterung/Konnektivität
Schnittstellen
4 x 1000Base-T RJ-45
4 x 1000Base-T RJ-45 30 W
1 x Konsole RJ-45
Verschiedenes
Produktzertifizierungen
IEC 60068-2-27, IEC 60068-2-32, IEC 60068-2-6, FCC Part 15 A, IEC 60529 IP30
Maße und Gewicht
Breite
16,1 cm
Tiefe
10,7 cm
Höhe
7,2 cm
Gewicht
1,001 kg
Herstellergarantie
Service & Support
Begrenzte Garantie - 5 Jahre
Umgebungsbedingungen
Min Betriebstemperatur
-40 °C
Max. Betriebstemperatur
75 °C
Zulässige Luftfeuchtigkeit im Betrieb
5 - 95 % (nicht kondensierend)
Min. Lagertemperatur
-40 °C

Max. Lagertemperatur
85 °C
Zulässige Luftfeuchtigkeit bei Lagerung
5 - 95 % (nicht kondensierend)

Produkteigenschaften

Leistung	Durchsatz (64-Byte Paketgröße): 11,9 Mpp, Switching Fabric-Bandbreite: 16 Gbit/s
Bereitgestellte Schnittstelle - Schnittstellen	4 x 1000Base-T RJ-45, 4 x 1000Base-T RJ-45 30 W, 1 x Konsole RJ-45
Netzwerk - Formfaktor	An DIN-Schiene montierbar
Netzwerk - Typ	Switch
Statusanzeiger	Link/Aktivität, PoE, Stromversorgung
Größe der MAC-Adresstabelle	8000 Einträge
Verschlüsselungsalgorithmus	SSL
Service und Support - Typ	5 Jahre Garantie
Gewicht	1,001 kg
Ports - Typ	10/100/1000
Ports (zweite) - Typ	10/100/1000 (PoE)
Untertyp	Gigabit Ethernet
Farbkategorie	Schwarz

Weitere Bilder