



- Industrial IP67 PoE Switch
- Waterproof / Dustproof RJ45 Ethernet Connector and Shielded Plug
- Centralized Management for Gigabit Ethernet PoE Networking
- Scheduled Power Rebooting
- Layer3 IPv4/IPv6 VLAN Routing



EVT-IM04GP+2UL-M12

INDUSTRIAL 04-PORT Gigabit PoE+ 2-PORT
10/100/1000T MANAGED ETHERNET SWITCH

EVT-IM04GP+2UL-M12 INDUSTRIAL 04-PORT Gigabit PoE+ 2-PORT 10/100/1000T MANAGED ETHERNET SWITCH

Hardware Specifications	
Copper Ports	4 10/100/1000BASE-T waterproof and dustproof RJ45 auto-MDI/MDI-X ports
PoE Injector Port	4 ports with 802.3at/af PoE injector function
Switch Architecture	Store-and-Forward
Switch Fabric	12Gbps/non-blocking
Throughput	8.9Mpps@64bytes
Address Table	8K entries, automatic source address learning and aging
Shared Data Buffer	4Mbits
Flow Control	IEEE 802.3x pause frame for full-duplex Back pressure for half-duplex
Connections	PoE ports RJ45 10Base-T/100Base-TX/1000Base-T Mbps (4x) Uplink SFP port (1x) Power Power connector port
Dimensions (W x D x H)	105 x 70 x 171 mm
Weight	1.3kg
Surge Protection	6KV DC
PoE Standard	IEEE 802.3af/802.3at PoE/PSE
PoE Ability	PD @ 61.4 watts: 2 units PD @ 30.8 watts: 2 units Budget @ 152 watts max
Layer 2 Functions	
Port Configuration	Port disable/enable Auto-negotiation 10/100/1000Mbps full and half duplex mode selection Flow control disable/enable
VLAN	802.1Q tagged based VLAN Q-in-Q tunneling Private VLAN Edge (PVE) MAC-based VLAN Protocol-based VLAN Voice VLAN IP Subnet-based VLAN MVR (Multicast VLAN registration) Up to 255 VLAN groups, out of 4095 VLAN IDs
Link Aggregation	IEEE 802.3ad LACP/static trunk 3 groups with 2 port per trunk
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)
IGMP Snooping	IGMP (v2/v3) snooping IGMP querier Up to 256 multicast groups
MLD Snooping	IPv6 MLD (v1/v2) snooping, up to 255 multicast groups, IGMP querier mode support
QoS	8 level priority switching - Port number - 802.1p priority - 802.1Q VLAN tag - DSCP/ToS field in IP packet
Port Mirroring	TX/RX/Both Many-to-1 monitor
Layer3 Functions	
IP Interfaces	Max. 6 VLAN interfaces
Routing Table	Max. 32 routing entries
Routing Protocols	IPv4 software static routing IPv6 software static routing

Management Functions	
Basic Management Interfaces	Telnet/Web browser/SNMP v1, v2c
Secure Management Interfaces	SSH, SSL, SNMPv3
System Management	Firmware upgrade by HTTP/TFTP protocol through Ethernet network LLDP protocol SNTP PLANET Smart Discovery Utility PLANET NMS System
SNMP MIBs	RFC 1213 MIB-II RFC 1493 Bridge MIB RFC 1643 Ethernet MIB RFC 2863 Interface MIB RFC 2665 Ether-Like MIB RFC 2819 RMON MIB (Group 1, 2, 3 and 9) RFC 2737 Entity MIB RFC 2618 RADIUS Client MIB RFC 2863 IF-MIB RFC 2933 IGMP-STD-MIB RFC 3411 SNMP-Frameworks-MIB RFC 4292 IP Forward MIB RFC 4293 IP MIB RFC 4836 MAU-MIB IEEE 802.1X PAE LLDP Power over Ethernet MIB
Standards Conformance	
Regulatory Compliance	FCC Part 15 Class A, CE
Standards Compliance	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX/100BASE-FX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab Gigabit 1000T IEEE 802.3x flow control and back pressure IEEE 802.3ad port trunk with LACP IEEE 802.1D Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1s Multiple Spanning Tree Protocol IEEE 802.1p Class of Service IEEE 802.1Q VLAN tagging IEEE 802.1x Port Authentication Network Control IEEE 802.1ab LLDP IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus IEEE 802.3az Energy Efficient Ethernet (EEE) RFC 768 UDP RFC 793 TFTP RFC 791 IP RFC 792 ICMP RFC 2068 HTTP RFC 1112 IGMP version 1 RFC 2236 IGMP version 2 RFC 3376 IGMP version 3 RFC 2710 MLD version 1 RFC 3810 MLD version 2 ITU G.8032 ERPS Ring
Environment	
Operating	Temperature: -40 ~ 75 degrees C Relative Humidity: 5 ~ 95% (non-condensing)
Storage	Temperature: -40 ~ 80 degrees C Relative Humidity: 5 ~ 95% (non-condensing)

All rights reserved. Appearance and specifications are subject to change without prior notice

