

# SW501-7000\_X16B



- Gigabit Managed Railway EN50155 Ethernet Switch
- Designed for railway transportation, vehicles and PIS system applications
- Built-in overcurrent protection, reverse connection protection
- Easy network management through web browser
- No fan, low consumption, industrial design standard and industrial grade electronic components
- High strength metal housing, support wall mounting
- Environmental protection & lead-free production
- IP Rating up to IP67



The actual appearance is subject to the final configuration.

## Specifications

<b>MODEL</b>	SW501-7000_X16B	
<b>I/O INTERFACE</b>	M12	16 x 10/100/1000M M12 ports BaseT(X) X-code
	Serial Port	1 x RS-232 (M12 A-code 5Pin port)
	M12 power	M12-5Pin A-code
	M12 alarm	M12-5pin A-code
	Power supply	DC 24/48/60 V (DC 18 to 75V)
<b>Switch Proprieties</b>	Priority Queues	4
	VLANs	64 (Max. Number)
	VLAN ID Range	VID 1 to 4094
	IGMP Groups	256
	MAC Table Size	8K
	Packet Buffer Size	4.2 Mbit
	Jumbo Frame	9K Bytes
<b>LED</b>	System Led	SYS
	Port Led	Link \ Act G1~G16
	Power Led	PWR
<b>Environment</b>	Operating Temperature	-40°C ~ 75°C
	Storage Temperature	-40°C ~ 85°C
	Relative Humidity	5% RH – 95% RH (non-condensing)



## Ordering Information

### Specification

Easy network management through web browser, CLI, Telnet /serial console, SNMP

IEEE 802.3ad,Static or Dynamic Link Aggregation

IEEE 802.3x,Full-Duplex Flow Control

IEEE 802.3az,EEE(Energy Efficient Ethernet)

IEEE 802.1q,VLAN

IEEE 802.1p,QoS/CoS

IEEE 802.1d,STP(Spanning Tree Protocol)

IEEE 802.1w,Rapid Spanning Tree Protocol

Port-based VLANs

4K-entry Vlan Table

VLANs based on IEEE 802.1q

Support bi-direction port mirroring

Support IGMPv1/2/3 and MLDv1/2 Snooping

Support 8 aggregation groups, and a maximum of 8 ports in each aggregation group

### Standards

IEEE 802.3 for 10 BaseT

IEEE 802.3u for 100 BaseT(X)

IEEE 802.3ab for 1000 BaseT(X)

IEEE 802.3z for 1000 BaseX

IEEE 802.1D-2004 for Spanning Tree Protocol

IEEE 802.1w for Rapid STP

IEEE 802.1s for Multiple STP

IEEE 802.1p for Class of Service

IEEE 802.1Q for VLAN Tagging

IEEE 802.3az:EEE Energy efficient Ethernet standard

IEEE 802.3ad for Port Trunk with LACP

## Packing List

Default Items	Qty
SW501-7000_X16B Unit	1