

# SW501-7000\_M16B



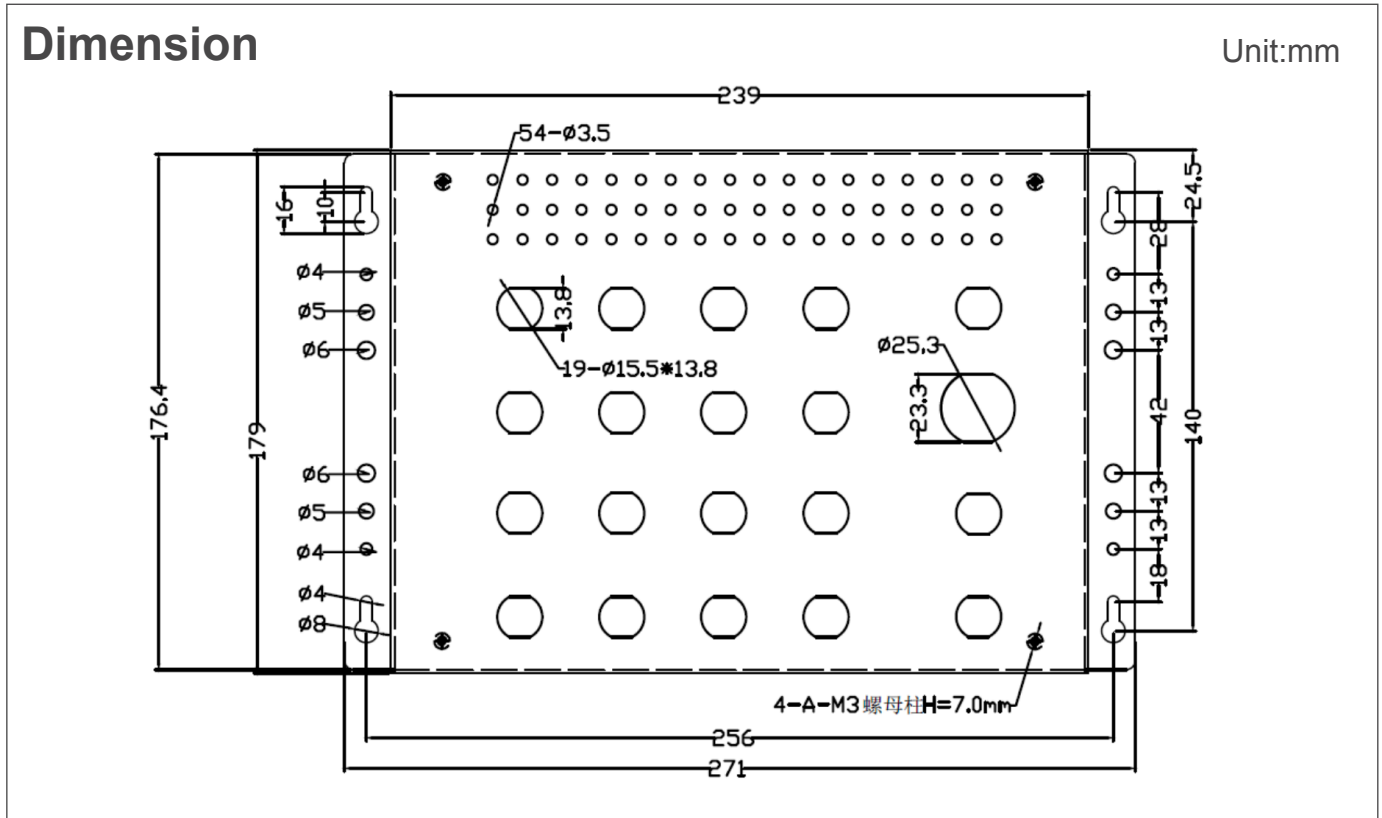
- Gigabit Managed Railway EN50155 Ethernet Switch
- Designed for railway transportation, vehicles and PIS system applications
- Built-in overcurrent protection, reverse connection protection
- Easy network management through web browser
- No fan, low consumption, industrial design standard and industrial grade electronic components
- High strength metal housing, support wall mounting
- Environmental protection & lead-free production
- IP Rating up to IP40



The actual appearance is subject to the final configuration.

## Specifications

<b>MODEL</b>	SW-501-7000_M16B	
<b>I/O INTERFACE</b>	M12	16 x 10/100/1000M M12 ports
	Serial Port	1 x RS-232(M12 A-code 5Pin port)
	Power supply	DC 24/48/60 V
<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	Link1~16, 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)
<b>Physical Characteristics</b>	Material	Housing: Metal
	IP Grade	IP 40
	Dimensions	271(L) x 178(W) x 50(H)mm
	Net Weight	3.5kg
<b>Regulation</b>	EMC	FCC, CE, RoHS, EN55022 class A



The actual appearance and dimensions are subject to the final configuration

## 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
- 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
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.1D-2004 for STP
- IEEE 802.1w for Rapid STP
- IEEE 802.1Q for VLAN Tagging
- IEEE 802.1p for Class of Service
- IEEE 802.1s for Multiple spanning tree protocol
- IEEE 802.1X for Authentication
- IEEE 802.3ad for Port Trunk with LACP
- IEEE 802.3x for Flow Control
- IEEE 802.3az EEE Energy efficient Ethernet standard

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## Packing List

Default Items	Qty
SW-501-7000_M16B Unit	1