Admas7212G-M12-12GT

12 M12 Ports Full Gigabit Layer 2 Wall-mounting Industrial Ethernet Switch

Product description

Admas7212G-M12-12GT series switches are full-Gigabit layer 2 routing switch developed for rail transit industry. The switch supports 12 ports of M12 interface. It not only supports port aggregation, VLAN, multicast, QoS, and fast redundancy ring, but also support static and dynamic routing, multicast routing, CLI and Web multiple management methods.

Features:

-Support 12 M12 Gigabit Ethernet interfaces, M12 relay alarm output, M12 power interface, M12 Console configuration interface

-Support status display with indicator lights

-Support MW-Ring patent redundancy technique (failure recovery time <20ms)

-Support static multicast filtering, GMP Snooping

-Supports broadcast storm suppression and port rate control

-Support power-down status relay alarm output

-Support managed function such as VLAN, QoS, Trunking, and Port mirroring

-Wide temperature range design, fanless design

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Product specifications

Software function	
Switch Properties	Supports Rate limit, Trunking, flow control, VLAN, IEEE 802.1Q VLAN Broadcast storm suppression
Redundancy Protocols	Support MW-Ring patent redundancy technique (failure recovery time <20ms) Support MSTP/RSTP, EAPS
Multicast	IGMP Snooping Support static multicast filtering
Routing	Support RIPv1/v2, RIPng, OSPFv1/v2, Support PIM-SM, PIM-DM Support static routing protocol
Service quality management	Supports SP and WRR queuing. Support QoS setting
Management and maintenance	Supports CLI, Telnet and Web management methods, Support SNMPv1/v2c Supports IP/MAC address conflict alarm Support power off, power alarm, port alarm Support trunking Support log viewing Support Link-check and NTP Support accept and transfer frame statistics
Technical parameters	
Protocol Standard	IEEE802.3(Ethernet), IEEE802.3u (100Base-TX&100Base-FX), IEEE802.3x (Flow Control), IEEE802.3ab (1000Base-T), IEEE802.1(STP), IEEE802.1w (RSTP), IEEE802.1Q (VLAN), IEEE802.1p (Priority), IEEE802.1x(Visiting Control)
Switch capability	
Priority Queues	8
VLAN Number	4096
multicast groups	256
MAC Table Size	16K
Backplane bandwidth	24Gbps
Switch Delay	<5μs
Interface	

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Gigabit ports	Port numbers:12
	Interface type: M12
	Baud rate: 10/100/1000MBase-TX Self-adaption.
Console port	RS232, M12 interface
Terminal block for power input	M12 terminal
LED Indicator Light	
Back panel LED lights	Interface indicator light: LINK/ACT; SPEED
	Power indicator light: PWR
Communication distance	
Twisted-pair	100m(CAT5/CAT5e cable)
Power	
Input power	DC24V(18-36VDC)；DC48V（36-72VDC）； DC110（40-160VDC）
Power consumption	<15W@(MAX)
Overload protection	support
In-versed protection	support
Redundancy protection	support
Working Environment	
Operating temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient humidity	5%~95% (no condensation)
Physical Characteristics	
Shell	IP60 protection, aluminium alloy shell
Installation	Wall-mounting
Dimension	180mm×170mm×50.5mm
Industry standard	
EMC	EN61000-4-2(ESD), Level 4 EN61000-4-3(RS), Level 4 EN61000-4-4(EFT), Level 4 EN61000-4-5(Surge), Level 4 EN61000-4-6(CS), Level 4 EN61000-4-8, Level 5
Impact	IEC60068–2-27
Falling	IEC60068-2-32

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Shock	IEC60068-2-6
Warranty	
Warranty	5 Years
Certification	CE, FCC, RoHS

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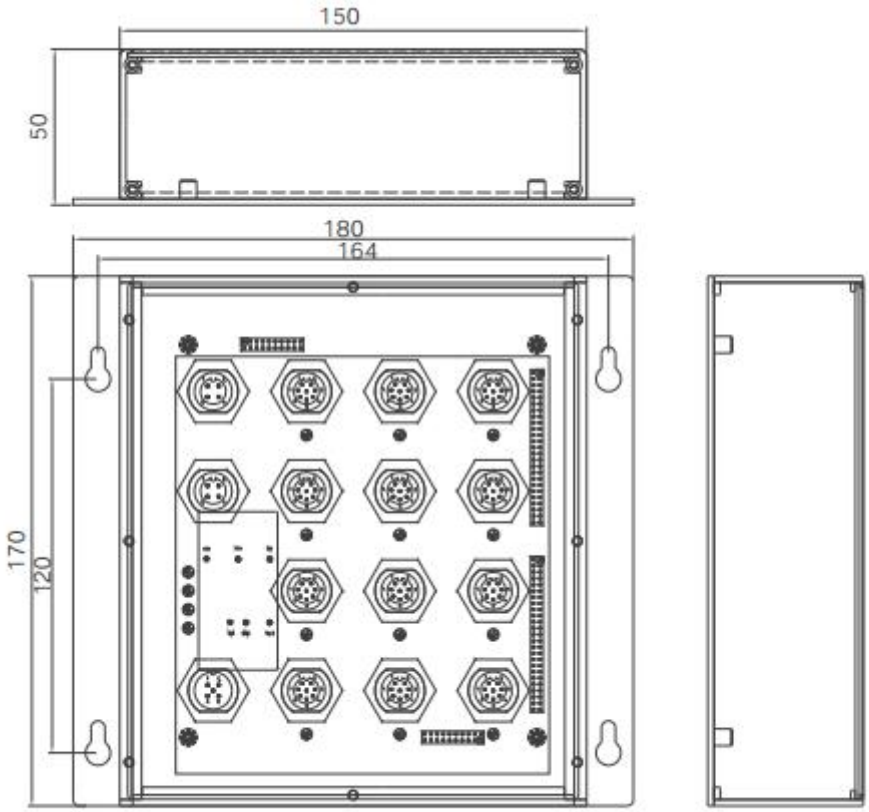
Dimensional drawing



Wall mounting (unit: mm)

Ordering information

Admas7212G-M12-12GT-DC24	12 Gigabit M12 copper ports, dual DC24V(18~36V) power supply
Admas7212G-M12-12GT-DC48	12 Gigabit M12 copper ports, dual DC24V(36~72V) power supply
Admas7212G-M12-12GT-DC110	12 Gigabit M12 Tx ports, single DC110V(50~160V) power supply

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