



■ Features

- 8 10/100/1000 Base T Ports
- 2 100/1000Base X SFP ports
- L2 web network management
- Operating wide temperature -25°C ~ 75°C
- Dual power input
- Aluminum housing IP40
- Din Rail mounting

■ Description

Features and Benefits

- Backplane bandwidth up to 52Gbps
- Wide and diverse power supply scope and types
- Use stainless aluminum alloy shell and hexagon socket screws
- Support WEB network management
- Wire-speed forwarding and automatic turnover of all ports can support long-distance transmission
- Support one-key setting of port isolation and self-healing ring network
- Support one-button factory reset and restart
- Support configuration file upload and download
- Lightning protection: power supply +/- 4KV, network interface +/-4KV IP40 housing
- Compact and easy to install, plug and play without configuration
- Fanless, wide temperature and silence
- MTBF ≥ 300,000h

■ Specifications

Technical Specifications

- IEEE 802.3 CSMA/CD Method and Physical Layer Specifications
- IEEE 802.1p Priority Queuing
- IEEE 802.1q VLAN Tagging
- IEEE 802.1w Rapid Spanning Tree
- IEEE 802.3ac VLAN Tagging
- IEEE 802.3ad Link Aggregation
- IEEE 802.3x Flow Control
- IEEE 802.3 Ethernet
- IEEE 802.3u Fast Ethernet
- IEEE 802.3z Gigabit Ethernet
- IEEE 802 Networks
- RFC 768 UDP
- RFC 791 IP
- RFC792 ICMP
- RFC 793 TCP
- RFC 826 ARP
- RFC 862 Echo Protocol
- RFC 863 Discard Protocol
- RFC 1027 Using ARP to Implement Transparent Subnet Gateways
- RFC 1112 IGMP IP
- RFC 2068 HTTP
- RFC 2236 IGMPv2
- IGMP Snooping

■ Specifications

Switch Properties

Backplane Bandwidth	20Gbps
Switch Architecture	Store-and-Forward
MAC Table Size	4K
Packet Buffer Size	1.5Mbit
Exchange Rate	148,800 pps/100M ports ; 1,488,000 pps/1000M ports

Software Functions

Management Mode	WEB based on HTTP, SNMPv1, SNMPv2
Diagnosis Mode	Indicator light, journal file, port mirroring, TRAP
Redundancy	RSTP
DIP	VLAN (Port isolation) RSTP (self-healing network)
Others	4K VLANS, IPv4 Multicast, storm control, jumbo frame

Power Parameters

Connection	1 removable 5-PIN terminal
Input Voltage	9.6 ~ 60VDC & 18 ~ 30VAC, dual inputs
Overload Current Protection	Supported
Reverse Polarity Protection	Supported

Mechanical Characteristics

Vibration	IEC 60068-2-6
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-31
Circuit Board	Approved by IPC

Environment

Storage Temperature	-40°C ~ +85°C
Operating Temperature	-25°C ~ +75°C
Ambient Relative Humidity	5% ~ 95% (non-condensing)

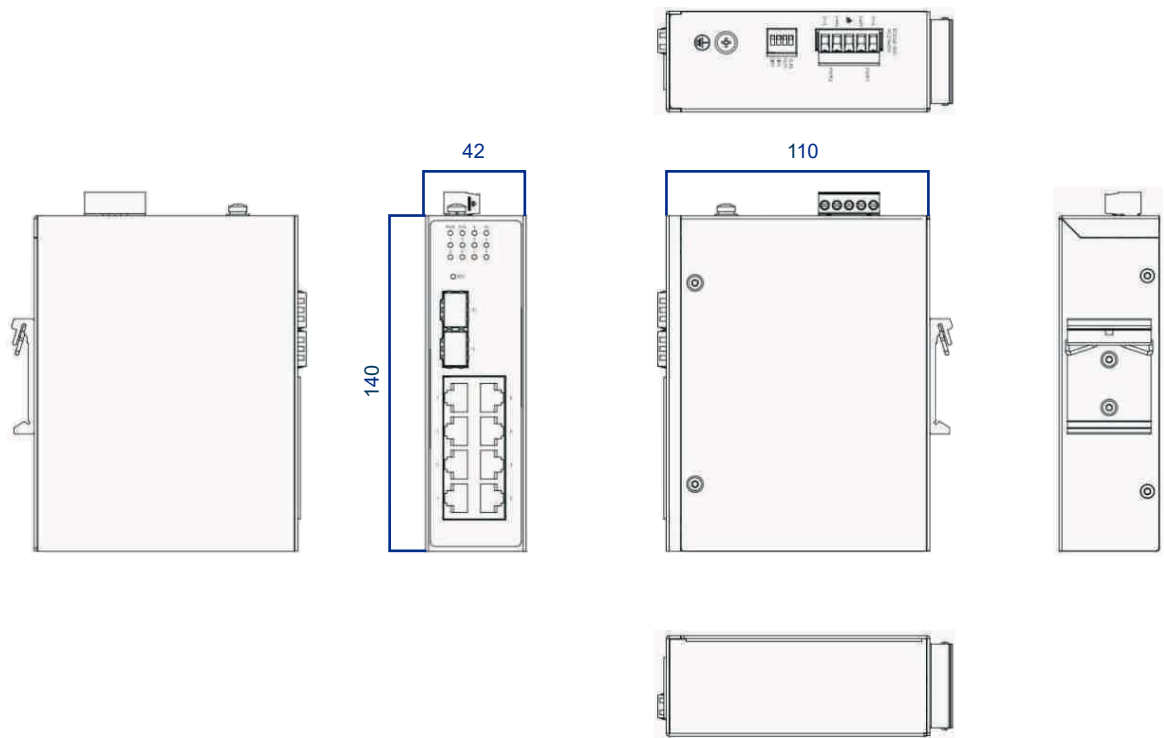
Electromagnetic Characteristics

EMI	FCC 47 CFR Part 15 Class A EN55032 Class AEN55035 Class A
EMC	IEC(EN)61000-4-2, Class 4 IEC(EN)61000-4-3, Class 3 IEC(EN)61000-4-4, Class 4 IEC(EN)61000-4-5, Class 4 IEC(EN)61000-4-6, Class 3 IEC(EN)61000-4-8, Class 5

Physical

Installation method	Din Rail
Housing	Aluminum alloy shell, IP40
Weight	0.75Kg
Dimensions(W x H x D) (mm)	50 × 140 × 110

■ Mechanical Drawings (Unit = mm)



■ Ordering Codes

Model Number	Description
XTR-D2210G-2F-T-X6M	2 x 100/1000BaseX SFP ports , 8 x 10/100/1000BaseT ports, wide temp, DC dual power, IP40 housing, Web management

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