A-GEAR World Wide Manufacturing

Product Specification
MC-235x26W
Switch Media converter

1. Features

- Six TP switching ports with 10/100Mbps auto-negotiation and half-/full-duplex auto-sensing
- Every TP port can auto-detect MDI or MDI-X connection, no crossover cable is needed for switch/hub ascaded
- Two 100BaseFX port for fiber connection
- Support no VLAN or concentration VLAN settings
- Support long Ethernet frame up to 1522 bytes and 2 queues per port for QoS
- Operates at maximum packet filtering and forwarding rate, total bandwidth up to 800Mbps
- Support flow control to prevent packet loss
- 1x9 or SFP transceiver optional for optical interface (pls note when order)

2. Product Description

MC-235x26W is a Six 10/100Mbps TP ports + Two 100Mbps FX port Ethernet switch with VLAN function. The TP ports of MC-235x26W can auto-detect 10/100Mbps, Half/Full duplex and MDI/MDI-X of the connecting devices. User can set the VLAN setting of the switch to No VLAN or Concentration VLAN by the DIP switch on the back panel. In No VLAN mode, there will be no VLAN feature in the switch, while in Concentration VLAN mode, every port belongs to one independent VLAN group and shares the 100BaseFX (Uplink) port for network access. Two queues and up to 1522 bytes packet length is supported. Transferring according to the priority in ToS of IP in the packet. MC-235x26W can perfectly meet the «Quality of Service» request in the network. A clear indicator panel including link/activity LED, FDX (full duplex)/collision indicator LED for easy monitoring of network status. What's more, the fiber port can be selected 1x9 transceiver or SFP transceiver.

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3. Technical Specification

Parameter	Specifications
Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX/FX
Access Method	CSMA/CD, 10Mbps and 100Mbps
Media Supported	10Mbps: Category 3,4,5 TP cable 100Mbps: Category 5 TP cable 100BaseFX: single mode or multi-mode fiber cable
Number of Ports	Six RJ-45 MDI-X / MDI ports, Two 100Base FX port
VLAN	Support No VLAN or Concentration VLAN
Network Interface	Six 10/100TX ports and Two 100Base-FX fiber port
Flow control	IEEE802.3x compliant for full-duplex, Back pressure flow control for half-duplex
LED Indicator	Power, Link/Activity, FDX/Collision
Power Requirement	100~240VAC, 50~60Hz
Consumption	5W maximum
Ambient Temperature	0~50°C
Humidity	5~90%
Dimensions	180 x 140 x 28 (mm) (external power)
Certification	FCC Part 15 Class A, CE Mark

4. Ordering Information

MC-235x26W	6-Port 10/100 2-P 100Base-SC Single-Mode 20km Switch with VLAN, SM single fiber