

**MC-1000S-S20E-SNMP****Features**

- ◇ Support 10Base-T, 100Base-TX,1000Base-T
- ◇ Meet standards IEEE802.3z, IEEE802.3u, IEEE802.3x and IEEE802.3ah
- ◇ With high performance auto-sensing exchanging chipset meeting industrial standard, securing steady and non-traffic jam data transmission and exchanging
- ◇ Max.2046bytes packet at store-and-forward mode, Max. 9K bytes packet at cut-through mode
- ◇ AUTO-MDIX at electrical port, convenient for the user
- ◇ Low power consumption, low heat, standalone type with 10W special communication power supply, chassis with dual redundant power supply
- ◇ Max safety power 100W to ensure the stable work of the equipments
- ◇ Hot swap media converter( in card type) and management card single fiber or double fiber(single fiber media converters should be used in pair), standalone type or 16 slots chassis are optional

[www.youfibercable.com](http://www.youfibercable.com)[www.youfibercable.com](http://www.youfibercable.com)**Description**

10/100M, 10/100/1000M remote manageable fiber media converters offer a high price/performance ratio; cover all functions of non-manageable fiber media converter including variety of data rate, SM/MM, single fiber and double fiber etc. with simple set-up and complete function management interface, it supports protocols like SNMP, WEB, TELNET and CONSOLE, and realizes the integrated management to all chassis.

**Parameter**

Item	Specification
Standards	IEEE802.3 , IEEE802.3u ,IEEE802.3x
Data rate	10/100/1000Mbps
Operating wavelength	850±20nm, 1310±25nm, 1550±25nm
Transmit distance	Multi-mode: 2km、 5km Single-mode: 25km、 40km、 60km、 80km、 120km
Fiber interface	SC connector

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Fiber type	Multi-mode: 50/125um or 62.5/125um Single-mode: 9/125um
RJ45 port	UTP-1000ohm Cat.5 cable up to 20km
Management	SNMP
Internal power supply	AC100~240V/50~60Hz/0.2A for standalone
Power consumption	3~5W
Operation temperature	10 ~ 60°C
Storage temperature	20 ~ 70°C
Humidity	5 ~ 95%(Non-condensing)
EMI and safety	CE,FCC Class A
Dimension	93 x71x26mm (External Power) 140 x110x30 mm (Internal Power)
Weight	1.2kg

**Advantages**

- ◇ The failure of the management card won't influence the work of other modules.
- ◇ Supporting remote and local management
- ◇ Supporting protocols like CONSOLE, WEB and SNMP
- ◇ Interface for management: RS232 Console Port (RJ45) and 10/100Mbps RJ-45 Ethernet port
- ◇ Complete system information can be set up and displayed, including the name of the chassis, terrain information, IP address and the versions of the hardware and soft ware.
- ◇ The status of 10/100M media converters with IP113A/C/F/M chipsets can be monitored and queried at the same chassis system.
- ◇ 10/100/1000M media converter card support SFP, CWDM SFP, DWDM SFP and can also display it's DDM function.
- ◇ Media converter card supports protocols like Q-in-Q Double Tag VLAN, IEEE802.1q Tag VLAN and IEEE802.3x Flow control
- ◇ Detailed information regarding power supply can be tracked including AC or DC, power and present working status.
- ◇ Real time display of voltage and temperature on the cards of the media converters
- ◇ Each port at local or remote devices can be set up or tracked, including the connecting status, connecting speed, half/full duplex, port locked and LFP.

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- ◇ With rate limiting, any rate between 0Mbps and 100M bps can be set at the basic frame of 32Kbps, and any rate between 0Mbps and 1000M bps can be set at the basic frame of 64Kbps
- ◇ Supporting Link Loopback test, precisely locating the failure, convenient for link test
- ◇ Remote power off alarming, precisely distinguish remote failure
- ◇ With SNMP protocol, Trap Destination and Community Name and related right can be set up, real time receive and display of alarming information in way of SNMP Trap, special supervising window, bumping alarming information.
- ◇ Offering MIB files, convenient to be merged to the third party's software like Openview and SNMP
- ◇ Powerful historical alarming and operating log information tracking and management function
- ◇ Flow statistic and pre-alarming function, real-time display of the communication status at each port
- ◇ support Equipment remote-restart, system or module restart by management software
- ◇ With graded management mode (common user, super user and administrator), and user identification function
- ◇ Reset to factory set up or dip switch status are optional
- ◇ Supporting online upgrading by FTP
- ◇ NMS supports network device auto-detect and auto-adding
- ◇ Real-time display of voltage and temperature on the chassis and the operating status of he fans
- ◇ With centralized management and Top tree, several chassis can be managed in the same interface at the same time; with grouping management any converter can be conveniently manipulated among many converters

**Applications**

- ◇ Ethernet Network
- ◇ Fiber Optical Network