CNet
TOTAL NETWORK SOLUTIONS

CSH-500 FIVE PORT 10/100MBPS SWITCH

CNet's CSH-500 is a powerful Five (5) ports Fast Ethernet Switch. Every port is equipped with a built-In Auto-Negotiation function. Simply attach a network device to any port and the port will automatically set to operate at the fastest possible speed. This Switch is designed to provide lots of bandwidth with minimum hassle. They are 100% Plug-&-Play and require no settings configuration. These models fully comply with IEEE 802.3u and IEEE 802.3 standards for Fast Ethernet and Ethernet operation.

KEY FEATURES
· Supports Power Savings by Link-down Status and Cable Length
· Five (5) ports with Auto-Negotiation function
· Full wire speed Store-and-Forward switching technology
· All ports support Auto-MDI/MDIX
· IEEE 802.3u and 802.3 standards compliant
· IEEE 802.3x Flow-Control support for Full-Duplex operation
· Back-Pressure support for Half-Duplex operation
· 384K bits Buffer Memory
· Up to 2K MAC Address entry table
· Plug-&-Play with easy to read diagnostic LEDs

SPECIFICATION

Model	CSH-500
Standards	IEEE 802.3: 10BASE-T IEEE 802.3u: 100BASE-TX IEEE 802.3x: Flow control
Ports	Five (5) ports 100BASE-TX/10BASE-T
Media Support	100BASE-TX: Category 5 TP 10BASE-T: Category 3, 4 or 5 TP
Bandwidth	100BASE-TX/10BASE-T: 200/100/20/10Mbps, via Auto-Negotiation
Forwarding/Filtering Rate	148810 packets/second per port @ 100Mbps, maximum 14881 packets/second per port @ 10Mbps, maximum
Latency	3.1 μsec @100Mbps minimum 14 μsec @ 10Mbps minimum
MAC Addresses	2K Six (6)-Bytes MAC address entries (maximum) Self-Learning
Buffer Memory	384K bits
Duplex Modes	All ports support Half-Duplex and Full-Duplex operation
Auto-MDI/MDIX	All ports support Auto-MDI/MDIX
LED Indicators	One (1) for Power On/Off One (1) per port for Link/Activity
External Power Adapter	Output 5VDC, 600mA
Power Consumption	5W maximum
Environment	Operating Temperature: 0° ~ 45°C (32° ~ 113°F) Storage Temperature: -20° ~ 70°C (-4° ~ 158°F) Humidity: 10% ~ 90% Non-Condensing
Certifications	CE, FCC
Dimensions	118 x 70 x 25 mm (4.64 x 2.75 x 0.98 inches)

ORDERING INFORMATION

Model	Description
CSH-500	Five (5) ports 100/10Mbps Fast Ethernet Switch