CNet
TOTAL NETWORK SOLUTIONS

CNet's CNSH-800 is a powerful Eight (8) ports Fast Ethernet Switch. It comes with Eight (8) 100/10Mbps ports each equipped with a Built-In Auto-Negotiation function. Simply attach a network device to any port and the port will automatically set the port 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 configuration. These models fully comply with IEEE 802.3u and IEEE 802.3 standards for Fast Ethernet and Ethernet operation.

KEY FEATURES

➢ Eight (8) independent bandwidths with 10Mbps−200Mbps capability.
➢ Eight (8) ports with Auto-Negotiation function.
➢ Full wire speed Store-and-Forward technology instantly eliminates bad packets.
➢ All ports support Auto-MDI/MDIX which can detect and correct crossover cables.
➢ 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.
➢ 1M bits Buffer Memory.
➢ Up to 1K MAC Address entry table.
➢ Plug-&-Play with easy to read diagnostic LEDs.

SPECIFICATIONS

Model	CNSH-800
Standards	IEEE 802.3u: 100BASE-TX IEEE 802.3: 10BASE-T
Ports	Eight (8) 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	7.8 μsec @100Mbps minimum 65.2 μsec @ 10Mbps minimum
MAC Addresses	1K Six (6)-Bytes MAC address entries (maximum) Self-Learning
Buffer Memory	1M 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 9VDC, 1Amp (Input according to country)
Power Consumption	9W maximum
Environment	Operating Temperature: 0° ~ 45°C (32° ~ 113°F) Storage Temperature: -20° ~ 70°C (-4° ~ 158°F) Humidity: 10% ~ 90% Non-Condensing
Certifications	FCC Class B, CE Mark and TUV approved
Dimensions	145 x 85 x 25 mm (5.7 x 3.35 x 0.98 inches)

ORDERING INFORMATION

Model	Description
CNSH-800 (N)	Eight (8) ports 100/10Mbps Fast Ethernet Switch (Plastic case)