

## CNSH-500

### 5-Port Fast Ethernet Switch with External Power Adapter

#### A Cost-effective Choice for SOHO Users

CNSH-500 is the most cost-effective solution to share network for SOHO users. Without any confusing installation and configuration, this Play-&-Play super-compact switch instantly provides reliable network with five new and independent bandwidths with the utmost hardware flexibility.

In addition, each 10/100Mbps port is equipped with built-in Auto-MDI/MDI-X and Auto-negotiation functions. Therefore, this switch can not only automatically adjust between straight-through and crossover cables but also automatically detect and determine for the widest possible bandwidth. With the user-friendly and hassle-free features, this switch is designed to reliably meet the diverse performance demands of mid-size network, which do not require management capabilities.

#### KEY FEATURES

- IEEE 802.3x and Back Pressure Flow Control
  - Support Full Wire Speed Store-and-Forward Technology
  - Support Auto-negotiation and Auto-MDI/MDI-X
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- Non-blocking Performance Improves Access to Network Resources
  - Five Independent Bandwidths with 10Mbps – 200Mbps Capability
  - All Ports Support Auto-negotiation Capability to Intelligently Detect and Determine the Transmission Speeds between 10/100Mbps and Half-/Full-duplex
  - Full Wire Speed Store-and-Forward Technology Instantly Eliminates Bad Packets
  - All Ports Support Auto-MDI/MDI-X to Facilitate Installation and Troubleshooting
  - Support IEEE 802.3x Flow-control for Full-duplex and Back Pressure Flow-control for Half-duplex to Prevent the Overflow of Data Frame
  - Delicate Palm Size with an External Power Adapter
  - Easy-to-Understand LEDs Display Real-time Traffic Status to Monitor and Diagnose the Network

#### SPECIFICATIONS

Model	CNSH-500
Standards	<ul style="list-style-type: none"><li>• IEEE 802.3:10BASE-T</li><li>• IEEE 802.3u: 100BASE-TX</li></ul>
Advanced Features	<ul style="list-style-type: none"><li>• IEEE 802.3x: Flow-control</li></ul>
Ports	<ul style="list-style-type: none"><li>• Five ports: 10BASE-T/100BASE-TX</li></ul>
Media Support	<ul style="list-style-type: none"><li>• 10BASE-T: Category 3, 4 or 5 TP</li><li>• 100BASE-TX: Category 5 TP</li></ul>
Bandwidth	<ul style="list-style-type: none"><li>• 10BASE-T/100BASE-TX:10/20/100/200Mbps, via Auto-negotiation</li></ul>
Forwarding/Filtering Rate	<ul style="list-style-type: none"><li>• 14880 packets/second per port @ 10Mbps, maximum</li><li>• 148800 packets/second per port @ 100Mbps, maximum</li></ul>
Duplex Modes	<ul style="list-style-type: none"><li>• All Ports support Auto-negotiation and Auto-MDI/MDI-X functions</li></ul>
LED Indicators	<ul style="list-style-type: none"><li>• One LED displays Power On/Off status</li><li>• One LED per port displays Link/Activity status</li></ul>
External Power Adapter	<ul style="list-style-type: none"><li>• Output 9VDC, 1Amp (depending on country)</li></ul>
Power Consumption	<ul style="list-style-type: none"><li>• 9W maximum</li></ul>
Environment	<ul style="list-style-type: none"><li>• Operating Temperature: -20° ~ 70°C (-4° ~ 158°F)</li><li>• Storage Temperature: -40° ~ 80°C (-40° ~ 176°F)</li><li>• Humidity: 10% ~ 90% Non-condensing</li></ul>

Certifications	· FCC, CE
Dimensions	· 118 x 70 x 25mm (4.64 x 2.75 x 0.98 inches)