

## Sixteen (16) port 10/100Mbps Fast Ethernet Switch

[www.cnetusa.com](http://www.cnetusa.com)

CSH-1600 is a Fast Ethernet desktop switch capable of bridging 10 and 100Mbps network segments as well as expanding available bandwidth. Bandwidth expansion is achieved by each of the Sixteen (16) ports creating an independent 10Mbps or 100Mbps network segment. In addition, each port is equipped with a built-in Auto-negotiation function capable of automatically setting itself to operate at the fastest possible speed – ranging from 10 to 200Mbps!

### KEY FEATURES

- Independent Bandwidth for each port
- 16 x 10/100Mbps TP ports with Auto-negotiation support
- Bridging capability for 10Mbps and 100Mbps segments
- Store-and-Forward forwarding scheme.
- Auto MDI/MDIX function support
- IEEE 802.3x Flow-control support for Full-duplex operation
- Back-Pressure Flow-control support for Half-duplex operation



### PRODUCT SPECIFICATIONS

Model	CSH-1600
Standards	IEEE 802.3: 10BASE-T IEEE 802.3u: 100BASE-TX IEEE 802.3x: Flow-control for Full-duplex operation
Ports	16 ports 10BASE-T/100BASE-TX
Media Support	10BASE-T: Category 3, 4 or 5 TP 100BASE-TX: Category 5 TP
Bandwidth	10BASE-T: 10/20Mbps 100BASE-TX: 100/200Mbps
Forwarding/Filtering Rate	14881 packets/second per port @ 10Mbps, maximum 148810 packets/second per port @ 100Mbps, maximum
MAC Addresses	8K entries maximum, Self-Learning
Buffer Memory	160K Bytes
Duplex Modes	Auto-negotiation
Auto-MDIX	All TP ports support Auto-MDI/MDIX function
LED Indicators	One (1) for Power One (1) per port for Link/ACT
Power Supply	Internal Full Range Auto-Switching Input voltage: 100 ~ 240 +/-10% VAC, 50/60 Hz
Power Consumption	6.831W 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 (L x W x H)	216 x 133 x 42 mm (8.5 x 5.2 x 1.7 inches)

### ORDERING INFORMATION

Model	Description
CSH-1600	Sixteen (16) port 10/100Mbps Fast Ethernet Switch with Internal Power Supply