

## CSH-2402G

### 24-Port 10/100Mbps Switch with Two Fixed 1000Mbps Copper Ports Combination of Innovative Technology and Reliable Performance

CSH-2402G, CNet's new backbone switch is especially designed for enterprises and high quality networks to meet their heavy load demands in minimum time requirement. Equipped with 24 fixed 10/100Mbps copper ports and two fixed 1000Mbps copper ports, this backbone switch delivers the most reliable network performance with many innovative advanced features, and great compatibility and flexibility for existing Ethernet network with built-in Auto-negotiation function.

The maximum transfer speed for each Gigabit port reaches remarkable Full-duplex, Collision Free 2000Mbps bandwidth. A Console Port is also provided for easy network configuration through the use of a text terminal with the emulation software

CSH-2402G is ideal to enhance network efficiency and deploy intense applications for enterprises and high quality networks.

#### KEY FEATURES

- Up to Eight Trunk Groups and 32 VLAN Groups
  - Support Port-Based VLAN, VLAN Tag
  - Support Advanced Flow-control and Broadcast Storm Control
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- All Ports Support Auto-negotiation Capability to Intelligently Detect and Determine between 10/100/1000 Mbps and Half-/Full-duplex
  - All Ports Support Auto-MDI/MDI-X to Facilitate Installation and Troubleshooting
  - Support IEEE 802.3x for Full-duplex Flow-control and Back Pressure Flow-control for Half-duplex to Prevent the Overflow of Data Frame
  - Broadcast Storm Control Prevents Blocked Traffic and Improves Access to Network Resources
  - Support Port-Based VLAN, VLAN Tag and Address Learning Functions
  - Support up to Eight Trunk Groups and 32 VLAN Groups
  - Provide Console Port for Easy Configuration
  - Support Per-port Bandwidth Control and Priority Tag Insert and Remove Function
  - Easy-to-Understand LEDs Display Real-time Traffic Status to Monitor and Diagnose the Network

#### SPECIFICATIONS

Model	CSH-2402G
Standards	<ul style="list-style-type: none"><li>• IEEE802.3: 10 BASE-T</li><li>• IEEE802.3u: 100 BASE-TX</li><li>• IEEE802.3ab: 1000 BASE-T</li></ul>
Advanced Features	<ul style="list-style-type: none"><li>• IEEE 802.3x: Flow-control</li><li>• IEEE 802.1Q</li></ul>
Ports	<ul style="list-style-type: none"><li>• 24 100Mbps copper ports</li><li>• Two 1000Mbps copper Ports</li></ul>
Media support	<ul style="list-style-type: none"><li>• 10Mbps: Category 3, 4 or 5 TP</li><li>• 100/1000 Mbps: Category 5 TP</li></ul>
Bandwidth	<ul style="list-style-type: none"><li>• 100 BASE-TX: 10/20/100/200Mbps</li><li>• 1000 BASE-T: 20/200/2000Mbps</li></ul>
Forwarding/Filtering Rate	<ul style="list-style-type: none"><li>• 14881 packets/second per port@10Mbps maximum</li><li>• 148810 packets/second per port@100Mbps maximum</li><li>• 1488100 packets/second per port@1000Mbps 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 status</li> </ul> <p>For port 1 to 24 (10/100Mbps ports):</p> <ul style="list-style-type: none"> <li>• One Yellow/Green LED per port displays 10/100Mbps LINK/ACT status</li> <li>• One LED per port displays FDX/COL status</li> </ul> <p>For port 25, 26 (Module ports):</p> <ul style="list-style-type: none"> <li>• One Yellow/Green LED per port displays 10/100Mbps LINK/ACT status</li> <li>• One LED Per port displays 1000Mbps LINK/ACT status</li> <li>• One LED Per port displays FDX/COL status</li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>• Full range Auto-switching</li> <li>• Input voltage: 100~240 +/-10%V AC/50~60Hz</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>• 36.4 Watt maximum</li> </ul>
Environment	<ul style="list-style-type: none"> <li>• Operating temp: -20° ~ 70°C(-4° ~ 158°F)</li> <li>• Storage temp: -40° ~ 80°C(-40° ~ 176°F)</li> <li>• Humidity: 10%~90% Non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• 442 x 44 x 185mm (17.4 x 1.73 x 7.28 inches)</li> </ul>