

# 2Giga Ports L2 Management Switch



## KEY FEATURES

- 8\* 10/100Mbps RJ45 ports, with auto-negotiation and Auto-MDIX function
- 1\* 10/100/1000Mbps RJ45 ports, with auto-negotiation and Auto-MDIX function
- Flow-control compliant with IEEE 802.3x for full duplex
- Support out-band console and in-band SNMP/Http/Telnet management interface
- Prevents packet loss with back pressure and IEEE802.3x flow control functions
- Two priority queues on each port for QoS application
- Port-Base VLAN, VLAN overlapping is allowed
- 802.1Q VLAN, supporting up to 512 VLAN groups
- Supports IP Multicasting through IGMP Snooping function, supporting up to 256 groups
- Support remote port configuration setting and statistics monitoring
- Support port access limit by Mac address
- Support IEEE 802.1x for security applications

Model	INTCSH-802Gm
Standards	<ul style="list-style-type: none"> <li>• IEEE802.3(10BaseT Ethernet )</li> <li>• IEEE802.3u(100Base Fast Ethernet),</li> <li>• IEEE802.3ab(1000BaseT)</li> <li>• IEEE802.3z(1000Base)</li> <li>• IEEE802.1D, IEEE802.1P, IEEE802.1Q, IEEE802.1x</li> </ul>
Ports	<ul style="list-style-type: none"> <li>• 8* 10/100Mbps RJ45 ports, (Auto-negotiation / Auto-MDIX)</li> <li>• 1* 10/100/1000Mbps RJ45 ports, (Auto-negotiation / Auto-MDIX)</li> <li>• 1* mini GBIC ports</li> </ul>
Console Port	<ul style="list-style-type: none"> <li>• RJ45 console port</li> </ul>
19" Rack-Mount	<ul style="list-style-type: none"> <li>• Yes, with kits (option)</li> </ul>
Filter & Forwarding Rate	<ul style="list-style-type: none"> <li>• Full line speed</li> </ul>
Switching method	<ul style="list-style-type: none"> <li>• Store-and-forward</li> </ul>
Mac Table Size	<ul style="list-style-type: none"> <li>• 4K</li> </ul>
Max Packet Size	<ul style="list-style-type: none"> <li>• 1536 bytes</li> </ul>
Flow Control	<ul style="list-style-type: none"> <li>• Back pressure for half duplex, IEEE802.3x for full duplex</li> <li>• Auto detect Enable/Disable state</li> </ul>
Management	<ul style="list-style-type: none"> <li>• Out-band : Console (Command Line Interface)</li> <li>• In-band : SNMP/Telnet/Http</li> </ul>
SNMP agent	<ul style="list-style-type: none"> <li>• Version. I, Support MIB II(Interface), Bridge MIB, Etherlike MIB, Private MIB</li> </ul>
VLAN	<ul style="list-style-type: none"> <li>• Port-based VLAN, 10 groups max.</li> <li>• 802.1Q VLAN, supporting up to 512 groups</li> </ul>
IGMP	<ul style="list-style-type: none"> <li>• IP Multicast Filtering by passively snooping on the IGMP Query, supporting up to 256 groups</li> </ul>
Trunking	<ul style="list-style-type: none"> <li>• 4 groups, 8 port/trunk max.</li> </ul>
QoS	<ul style="list-style-type: none"> <li>• Two priority queues per port, Port-based &amp; 802.1p tagged-based</li> <li>• Weight of queues and threshold of queues could be configured</li> </ul>
Spanning Tree	<ul style="list-style-type: none"> <li>• Support IEEE 802.1D</li> </ul>
Port Mirror	<ul style="list-style-type: none"> <li>• Yes, for Egress/Ingress packets, support DA/SA filtering function</li> </ul>
Port Access Limit	<ul style="list-style-type: none"> <li>• Yes, by Mac address</li> </ul>
Port Security	<ul style="list-style-type: none"> <li>• IEEE 802.1x</li> </ul>
Software Upgrade	<ul style="list-style-type: none"> <li>• Out-band: Xmodem, In-band: TFTP, Http</li> </ul>
LED Display	<ul style="list-style-type: none"> <li>• Per Port : Link/Activity, Speed, FDx</li> <li>• Per Device : Power</li> </ul>
Input Power	<ul style="list-style-type: none"> <li>• 100~240VAC, 50/60 Hz</li> </ul>
Environment Temperature	<ul style="list-style-type: none"> <li>• 0 ~ 50 ℃</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• 5% ~ 95% Non-condensing</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• 250W x 117D x 37H mm</li> </ul>