

## 24x10/100TX or 24x100FX + 2xGigabit-Uplink 4-Slot Ethernet Modular Chassis Switch (Managed / Ring)



### Benefits

<ul style="list-style-type: none"> <li>■ 4 slots for 8 ports 10/100TX, 8 port 100FX and Gigabit uplink module</li> </ul>	<ul style="list-style-type: none"> <li>■ Port Based VLAN /802 .1Q VLAN</li> </ul>
<ul style="list-style-type: none"> <li>■ Confirms to IEEE802.3u 10BASE-T, 802.3u 100BASE-TX/FX, 802.3ab 1000BASE-T, 802.3z Gigabit fiber</li> </ul>	<ul style="list-style-type: none"> <li>■ IEEE802.3x Flow control                             <ul style="list-style-type: none"> <li>➢ Flow control for full duplex</li> <li>➢ Back pressure for half duplex</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>■ High back-plane bandwidth 8.8Gbps</li> </ul>	<ul style="list-style-type: none"> <li>■ IEEE802.3ad Port trunk with LACP</li> </ul>
<ul style="list-style-type: none"> <li>■ Stack management via one IP address, easy management by Web GUI</li> </ul>	<ul style="list-style-type: none"> <li>■ Broadcast storm filter</li> </ul>
<ul style="list-style-type: none"> <li>■ IGMP support for Multi Media application</li> </ul>	<ul style="list-style-type: none"> <li>■ IEEE 802.1p class of service</li> </ul>
<ul style="list-style-type: none"> <li>■ Port mirror / Port security</li> </ul>	<ul style="list-style-type: none"> <li>■ DHCP client</li> </ul>
<ul style="list-style-type: none"> <li>■ Port bandwidth control</li> </ul>	<ul style="list-style-type: none"> <li>■ IEEE 802.1d Spanning tree protocol</li> </ul>
<ul style="list-style-type: none"> <li>■ Supports GVRP function</li> </ul>	<ul style="list-style-type: none"> <li>■ Option Module for slot:                             <ul style="list-style-type: none"> <li>■ 2 x Gigabit SX module</li> <li>■ Gigabit copper+ Gigabit SX module</li> <li>■ 2 x Gigabit copper module</li> <li>■ 8 ports 10/100TX module</li> <li>■ 8 ports 100FX module</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>■ Web/ SNMP / Telnet / CLI management</li> </ul>	<ul style="list-style-type: none"> <li>■ IEEE 802.1x user authentication</li> </ul>

### Standard Compliance

Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX/100BASE-FX IEEE802.3z Gigabit SX/LX IEEE802.3ab Gigabit 1000T IEEE802.3x Flow Control and Back pressure IEEE802.3ad Port trunk with LACP IEEE802.1d Spanning tree protocol IEEE802.1w Rapid Spanning tree protocol IEEE802.1p Class of service IEEE802.1q VLAN Tagging IEEE 802.1x User authentication
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### Hardware Specification

Connector	8-port 10/100TX module: RJ-45 8-port 100FX(Multi /Single Mode) module: SC 2-port Gigabit SX/LX module: SC 2-port Gigabit 1000T module: RJ-45
Switch architecture	Store and forward switch architecture. Back-plane up to 8.8Gbps
MAC address	8K MAC address table with Auto learning function

Memory	3Mbits for packet buffer
Flash ROM	512Kbytes x 1
System memory	8Mbytes x 1
Expansion module	<ul style="list-style-type: none"> <li>▪ 8 10/100TX module with RJ-45 connector</li> <li>▪ 8 100FX multi mode fiber module with SC connector</li> <li>▪ 8 100FX single mode fiber module with SC connector</li> <li>▪ 2 Gigabit SX multi mode fiber module with SC connector</li> <li>▪ 2 Gigabit LX single mode fiber 10KM module with SC connector</li> <li>▪ 2 Gigabit copper module with RJ-45 connector</li> <li>▪ 1 Gigabit copper &amp; 1 Gigabit SX module with RJ-45 connector and SC connector for multi mode 50~62.5/125µm fiber cable</li> <li>▪ 1 Gigabit copper &amp; 1 Gigabit LX 10KM module with RJ-45 connector and SC connector for single mode 8~10/125µm fiber cable</li> </ul>
LED	<p>System Power</p> <p>8 10/100TX module: Link/Activity (Green), Full duplex (Green)</p> <p>8 100Base-FX module: Link (Green), Activity (Green Blinking)</p> <p>Gigabit Fiber: Link/ Activity</p> <p>Gigabit Copper: Link/Activity, Full duplex, 1000Mbps, 100Mbps</p>
Power input	AC 100~240V, 50 /60Hz, 0.8A (maximum)
Power consumption	60 Watt (maximum)
Ventilation	2 x DC cooling fan with auto detect function
Operating temperature	0°C~45°C, 10%~95%RH
Storage temperature	-40°C~70°C, 95% RH
Dimension	440mm(W) x 280mm(D) x 44mm(H)
Weight	5.10Kg
EMI & safety	FCC Class A, CE
Safety	UL, cUL, CE/EN60950

### Software Feature

Management	Telnet management, web management, Out band local console (RS-232)
RFC standard	RFC 1157 SNMP, RFC 1213 MIB II, RFC 1643 Ethernet like, RFC 1493 Bridge MIB, RFC 1757 RMON 1, RFC 1215 Trap, RFC 2674 VLAN MIB, private MIB
SNMP Trap	Cold start, link down, link up, authorization fail, fan fail trap. Trap station up to 3
Software Upgrade	TFTP and Console firmware upgradeable
Port Trunk	Support IEEE802.3ad with LACP function. Up to 7 trunk groups, trunk member up to 4 ports and include 2 uplink ports
Spanning Tree	IEEE802.1d spanning Tree
VLAN	<p>Port based VLAN</p> <p>IEEE802.1Q Tag VLAN</p> <p>IEEE802.1v Protocol VLAN (IP, IPX,..)</p> <p>Static VLAN groups up to 256, Dynamic VLAN group up to 2048, VLAN ID from 0 to 4094</p>
QOS policy	Supports 8 priority levels ID for two priority queue
Class of Service	Per port 2 queues, High/ low queue. Service rule: first come first service; all High before Low, WRR for High or low weight
Port-based Priority	Support 3 settings: "Disable, Low and High priority". When set to "Disable", the income packet will follow QoS policy; Otherwise, the packet will follow port priority setting to "High/Low" queue
IGMP	<p>It supports IGMP V1 and V2 snooping.</p> <p>IGMP Snooping for Multi-Media application, IGMP group supports 256 groups</p>
Port Security	<p>MAC address filter for ingress and egress packet</p> <p>Static MAC address lock for source address</p>
Port Mirror	Global system supports 3 mirroring types: "RX, TX and Both packet". The maximum of port mirror entries is up to 25
Bandwidth Control	Per port support Bandwidth control. Per level 100K
Stacking	The switch provide Stack Grouping feature and through master switch interface can manage and stack up to 8 units

802.1x Authentication	Support IEEE802.1x User-Authentication and can report to RADIUS server <ul style="list-style-type: none"> <li>➤ Reject</li> <li>➤ Accept</li> <li>➤ Authorize</li> <li>➤ Disable</li> </ul>
DHCP	DHCP client
Packet filter	Broadcast storm control

### Order Information

Part Number	Product Family	Description	
26 000 500	DragonLine	4-Slot Int. Chassis Switch	
26 1000 600	DragonLine	MIC 2x Mini-GBIC/SFP	
26 1000 650	DragonLine	MIC 2x10/100/1000TX	
26 1000 631	DragonLine	MIC 1x10/100/1000TX + 1x1000SX (SC/MM/550m)	
26 1000 632	DragonLine	MIC 1x10/100/1000TX + 1x1000LX (SC/SM/10km)	
26 1000 634	DragonLine	MIC 2x1000SX (SC/MM/550m)	
26 1000 635	DragonLine	MIC 2x1000LX (SC/SM/10km)	
26 1000 640	DragonLine	SFP SX LC Gigabit (MM/550m/SFP for MIC)	
26 1000 660	DragonLine	SFP LX LC Gigabit (SM/10Km/SFP for MIC)	
26 000 520	DragonLine	MIC 8x100TX	
26 000 600	DragonLine	MIC 8x10/100FX (SC/MM/2km)	
26 000 620	DragonLine	MIC 8x100FX (SC/SM/30km)	