Kyland SICOM6800-2U

Key Features:

CE FC IEC EN

- Support up to 8 10 Gigabit ports and 48 Gigabit ports
- Modular design, Ethernet module and power module support hot-swappable
- Support DRP/DHP redundancy protocol based on IEC62439-6, with recovery time < 20ms
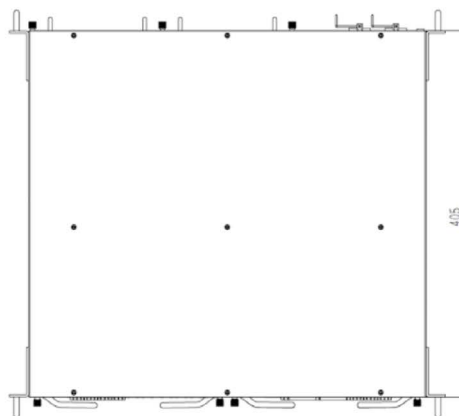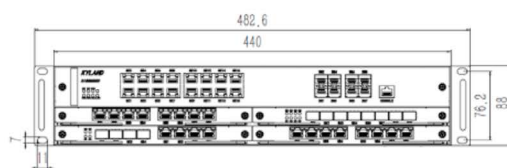- Support rich diagnostic methods such as DDM, NQA, sflow, BFD, DLDP, etc

Product Specification

SICOM6800-2U		
Software Function	**Switch Function**	Support VLAN,PVLAN, GVRP, QinQ, Link aggregation Port Control, Port Limit, Broadcast Storm Control
	Redundancy Protocol	Support DT-Ring, DT-Ring+, Recovery time＜50ms, DRP/DHP, Recovery time＜20ms, ERPS(G.8032), STP/RSTP/MSTP, MRP, VRRP
	Industry Protocol	Support Profinet (PENDING), Supports EtherNet/IP, Supports Modbus/TCP
	Multicast	Support IGMP-snooping, GMRP, Static Multicast, Unknown Multicast Control IGMP v1/v2/v3, Static Multicast Routing, PIM-DM, PIM-SM
	Routing	Support Static Routing. OSFP, RIP, IPv4/ IPv6, Policy Routing
	Security	Support IEEE 802.1x, ARP trust, HTTPs/SSL, SSH, SFTP, RADIUS, TACACS+IP+MAC+VLAN+Port Binding, Unicast MAC Filter, Application Layer Port Protection & Attack Prevention, User Classification, advanced identity authentication policy, advanced password management policy, Secure access to IP
	Service Quality	Support QoS, 802.1p(CoS), DSCP, SP, WRR queue scheduling, ACL port and protocol based data flow control and restriction
	Management and Maintenance	Support s Console, Telnet, WEB management methods, s SNMPv1/v2c/v3, Kyvision centralized management, Loopback Interface, IPv6 address based management, software upgrade by FTP/TFTP/HTTP/HTTPs, LLDP, RMON, Port Mirror & Remote Port Mirror, Syslog, LLDP, Link-check, CRC Detection, Automatic Configuration Backup and Restore
	Diagnostic	Support Internal hardware self-test, Power alarm, IP/MAC conflict alarm, Memory/CPU usage alarm, Port alarm, Ring alarm, Port traffic alarm, CRC error and packet lose alarm, SFP port RX power alarm and TX power alarm, DDM, Syslog, NQA, Sflow, BFD, DLDP, Link-check
	IP Management	Support IPv4, IPv6, DHCP server/client, DHCP snooping, DHCP Option66/67/82
	Clock Management	Support SNTP server/client, NTP server/client, PTPv2, Time accuracy:± 100ns, Synchronous Ethernet, Time Zone
Product Specification	**Interface**	10Gigabit Port 10GBase-X, SFP+ port; Gigabit Port 1000Base-X; SFP port; 10/100/1000Base-T(X); RJ45 port 100Mbit Port 100Base-FX; SFP port; Console Port RS232; RJ45 port; Management Port RJ45 port; Alarm Contact 3-pin 5.08mm-spacing plug-in terminal block
	Power	Power Input 220AC/DC(85-264VAC/120-300VDC);24-48VDC(18-72VDC); Power Terminal 5.08mm pin plug-in terminal block (low voltage); Pin head (high voltage), Power Consumption <85W; Overload Protection Support; Reverse Protection Support; Redundancy Protection Support

Product Specification	Physical Characteristics	Housing Metal; Cooling Natural convection, Fanless; Protection Class IP40 Dimension 482.6mm×88mm×405mm(W×H×D) Weight: 10kg Installation Rackmount 2U
	Environmental Limit	Operating Temperature -40℃ ~+75℃ Storage Temperature -40℃ ~ +85℃ Ambient Relative Humidity 5 ~ 95% (non-condensing)
	Warranty	MTBF >300000h Warranty 5 years
	Industrial Standard	EMI; FCC CFR47 Part 15,EN55032/CISPR22,Class A; EMS; IEC61000-4-2(ESD) ±6kV(contact),±8kV(air); IEC61000-4-3(RS) 10V/m(80MHz-2GHz); IEC61000-4-4(EFT) Power Port:±2kV;Data Port:±1kV; IEC61000-4-5(Surge) Power Port:±1kV/DM,±2kV/CM;Data Port:±2kV; IEC61000-4-6(CS) 10V(150kHz-80MHz); IEC61000-4-8(Industrial frequency magnetic fields) 100A/m(cont.),1000A/m(1s-3s); IEC61000-4-9(Pulsed magnetic fields) 1000A/m, CE, FCC, EN62368-1 Machinery: IEC60068-2-6(Vibration); IEC60068-2-27(Shock); IEC60068-2-32(Freefall)

Product Selection Guide

Type	Model	Description
Classis Model	SICOM6800-2U-8X16GE-MB	2U Classis; 8×10GBase-X,SFP+ ports;16×10/100/1000Base-T(X),RJ45 ports
	SICOM6800-2U-16GE-MB	2U Classis;16×10/100/1000Base-T(X),RJ45 ports
Ethernet Module (Optional,0-4 can be choosen)	SM6.8-8GX-0.5U	Ethernet Module, 8×1000Base-X,SFP port, Support Hot-Swappable
	SM6.8-8GE-0.5U	Ethernet Module, 8×10/100/1000Base-T(X), RJ45 ports, Support Hot-Swappable
Power Module (Must,1-2 can be choosen)	SM6.8-PS-HV	100-240VAC,50/60Hz;110-220VDC(85-264VAC/77-300VDC) Power Module, Support Hot-Swappable
	SM6.8-PS-L2	24-48VDC(18-72VDC) Power Module, Support Hot-Swappable

Product details:

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