

PRODUCT SPECIFICATION SHEET

Product Name: Signamax® Managed Switches with Redundant Power Supplies

Property	Value
Ports	24 - RJ-45 10/100BaseT/TX ports
	(065-7734R, 065-77344TR, and 065-77344DMR)
	24 - 100Base SFP receptacles + 4 - 10/100/1000BaseT/TX Dual Media ports with SFP receptacles (model 065-7734FSFPR).
LED Status Indicators	Per Switch: Power Status 1 & 2
	Per Port:
	10/100BaseT/TX, 100Base SFP: Link/ACT
	10/100/1000T/TX, SFP: Link/ACT
	Gigabit Ethernet SFP: SFP PoE
Latency	<4.5 μ s (LIFO)
Throughput, per port	1.48810 million pps (64-byte packets)
Switch Fabric Speed	12.8Gbps (non-blocking, wire speed performance)
MAC Address Capacity	8 K MAC addresses
	Per-port programmable MAC address locking
	Up to 24 Static Secure MAC addresses per port
Frame Buffer	3 Mbits
Port Mirroring	Inbound and Outbound
Recover-Ring™	Supports recovery of ring-based network architecture in <15ms. Proprietary
MAC-based Trunking	2 Fast Ethernet + 1 Gigabit Ethernet trunking groups; up to 4 ports for each group
GVRP/GARP	IEEE 802.1Q with
	GVRP/ GARP
Multicasting	IP Multicast Filtering via IGMP Snooping V1, V2 & V3
TP/RSTP/MSTP	IEEE
	802.1d/1w/1s
VLAN Capabilities	Port-based VLAN
	IEEE 802.1Q Tag-based VLAN; up to 4K active VLANs possible
QoS Capabilities	802.1p QoS with four level priority queue (Strict Priority and Weighted Round Robin scheduling, bandwidth per port)

Property	Value
Bandwidth Rate Limiting	Ingress rate limits:
	1 Kbps up to 100 Mbps for 10/100 ports, up to 1 Gbps for 1000Base ports
	Egress rate limits:
	1 Kbps up to 100 Mbps for 10/100 ports, up to 1 Gbps for 1000Base ports
	Broadcast Storm Suppression:
	Multicast/Broadcast/Unknown-Unicast Storm suppression
Access Methods	RS-232C DB-9 local console serial port, Telnet remote access, SNMP agent, and Web browser
Software Upgrade Capability	TFTP
Software Upgrade Capability	Via TFTP
SNMP v1, v2, and v3 Network Management	RFC 1213 MIB (MIB-2)
	RFC 1757 RMON MIB
	Statistics Group 1
	History Group 2
	Alarm Group 3
	Event Group 9
	RFC 1493 Bridge MIB
	VLAN MIB (IEEE802.1Q/RFC2674)
	Private MIB
Industry Standards	FCC Part 15 Class A
	CE Mark Class A
Maximum Switch Power Consumption	35.4 Watts maximum
AC Power Input Range	100~240VAC, 50~60Hz
Hot Swappable Power Supplies	Yes
Operating Temperature	32°F to 113°F (0°C to 45° C)
Storage Temperature	-14°F to 185°F (-10°C to 45° C)
Operating Humidity	5 to 95% RH, non-condensing
Dimensions	17.4" W x 14.1" D x 1.74"(H 442 x 360 x 44.2mm)
Housing Material	Metal
Weight	7.5 lbs. (3.4 Kg)
Warranty	5 Years

Property	Value
Applicable Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3ab 1000BaseT
	IEEE 802.3z 1000BaseSX/LX (via SFP module)
	IEEE 802.1p Priority (Quality of Service [QoS])
	IEEE802.1s Multiple Spanning Tree Protocol
	IEEE802.1w Rapid Spanning Tree Protocol
	IEEE802.1D Spanning Tree Protocol compatible
	IEEE 802.1Q Tagged VLAN with GVRP
	IEEE 802.3x Flow Control
	IEEE 802.1x Access Control