SIGNAMAX™
CONNECTIVITY SYSTEMS

Media
CONVERTERS

Ethernet
SWITCHES

www.signamax.com

Media
CONVERTERS

Media Converters from Signamax Connectivity Systems are an easy and cost-effective way to establish a fiber optic cabling infrastructure within your existing network. Signamax provides a wide array of converters to support your Ethernet, Fast Ethernet, and Gigabit Ethernet requirements. For media conversion that can work within an existing Network Control Center, Signamax has rack mountable and chassis-based converter systems to support clustered installations, and stand-alone managed converters to handle dispatch to outlying locations and Fiber to the Home (FTTH) environments. Where management is not needed, our series of unmanaged converters provides simplicity with Link Fault Signaling, to allow managed switches to reroute when a path fails, and the ability to force speed and/or duplex modes to work where less flexible converters cannot. If small size is a key requirement, our 10/100 to100FX mini media converters provide high quality and small size at a modest price. When harsh industrial environments require extended temperature range and ruggedness, Signamax hardened industrial converters are up to the task. Call us, and see why Signamax media converters are the best value for your Company.
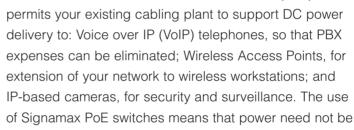
Keeping Your
World Connected.

SIGNAMAX™
CONNECTIVITY SYSTEMS

Ethernet
S W I T C H E S

Signamax Connectivity Systems' Ethernet Switches support a wide array of applications that will give your Company easy, cost-effective ways to expand your network's reach and capabilities. Signamax provides new capabilities such as Power over Ethernet (PoE), which permits your existing cabling plant to support DC power delivery to: Voice over IP (VoIP) telephones, so that PBX expenses can be eliminated; Wireless Access Points, for extension of your network to wireless workstations; and IP-based cameras, for security and surveillance. The use of Signamax PoE switches means that power need not be extended to inconvenient locations using the expensive existing AC power grid. Cost-effective network speed increases can be facilitated by Signamax Gigabit Ethernet access and core switches. If plug and play convenience at low cost is the requirement, Signamax has the answers. Is the need for managed switches that can work independently for smaller enterprises in stacks of as many as 16 devices, but can work within an existing Network Control Center environment? Signamax has easy, high value answers for network administration and management with high information capabilities. Call us to see how Signamax switches can be the right answer for your business.

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Unmanaged Media Converters

10/100 To 100FX Media Converters with Link Fault Signaling (LFS)

PART NO.	DESCRIPTION
Multimode Converters	
065-1100	10/100 to 100FX MM/ST, 2 km Converter
065-1110	10/100 to 100FX MM/SC, 2 km Converter
065-1172	10/100 to 100FX MM/MT-RJ, 2 km Converter
065-1174	10/100 to 100FX MM/LC, 2 km Converter
Singlemode Converters	
065-1120	10/100 to 100FX SM/SC, 15 km Converter

Note: 40 and 75 km converters are available.
Extended Temperature (-10° C to 60° C) converters are also available in some models. Please call for detail.

100BaseTX To 100FX Media Converters

PART NO.	DESCRIPTION
Multimode Converters	
065-1100NS	100TX to 100FX MM/ST, 2 km Converter
065-1110NS	100TX to 100FX MM/SC, 2 km Converter
Singlemode Converters	
065-1120NS	100TX to 100FX SM/SC, 20 km Converter

Note: 40 and 75 km converters are available.

10/100 To 100FX Single Fiber WDM Media Converters

PART NO.	DESCRIPTION
065-1176ALFS	10/100 to 100FX, SM/SC, 20 km Single Fiber WDM Converter, Tx=1310 nm; Rx=1550 nm
065-1176BLFS	10/100 to 100FX, SM/SC, 20 km Single Fiber WDM Converter, Tx=1550 nm; Rx=1310 nm

Note: 40 km SM and 2 km MM converters are also available.
Extended Temperature (-10° C to 60° C) converters are also available in some models. Please call for details.

10/100/1000 To 1000SX/LX Gigabit Media Converters

PART NO.	DESCRIPTION
065-1196	10/100/1000 to 1000SX MM/SC, 220m 62.5µ/550m 50µ Converter
065-1196LX	10/100/1000 to 1000LX SM/SC, 10 km Converter
065-1196LXED	10/100/1000 to 1000LX SM/SC, 20 km Converter
065-1096	10/100/1000 to 1000Base SFP Converter
065-1096RED	10/100/1000 to Redundant 1000Base SFP Converter

Note: Please see the right side of this page for available SFP modules.

100FX Singlemode To Multimode Media Converters

PART NO.	DESCRIPTION
065-1130	100FX SM/SC, 15 km to MM/ST, 2 km Converter
065-1130ED	100FX SM/SC, 40 km to MM/ST, 2 km Converter
065-1132	100FX SM/SC, 15 km to MM/SC, 2 km Converter
065-1132ED	100FX SM/SC, 40 km to MM/SC, 2 km Converter

Note: 75 km Converters are available.
ATM Singlemode to Multimode converters are available
Extended Temperature (-10° C to 60° C) converters are also available in some models. Please call for details.

Gigabit Ethernet Media Converters

PART NO.	DESCRIPTION
065-1194	1000SX to 1000LX MM/SC to SM/SC, 10 km
065-1194ED	1000SX to 1000LX MM/SC to SM/SC, 20 km
065-1195	1000T to 1000SX MM/SC, 220m 62.5µ/550m 50µ
065-1195SFP	1000T to 1000Base SFP Converter
065-1197ED	1000T to 1000LX SM/SC, 20 km Converter
065-1198XLD	1000LX to 1000LX SM/SC, 20 km Repeater

Note: Please see the right side of this page for available SFP modules.
Extended Temperature (-10° C to 60° C) converters are also available in some models. Please call for details.

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16-Bay Rack Mount Media Converter Chassis

PART NO.	DESCRIPTION
065-1185	16-Bay Rack Mount Converter Chassis

Note: Usable with any 065-11xx series media converter.

12-Channel Rack Mount Media Converters

PART NO.	DESCRIPTION
065-1200ST00	12-Channel 10/100 to 100FX MM/ST, 2 km
065-1200SC10	12-Channel 10/100 to 100FX MM/SC, 2 km
065-1200SC20	12-Channel 10/100 to 100FX SM/SC, 15 km
065-1200SC20ED	12-Channel 10/100 to 100FX SM/SC, 40 km
065-1200SC95	12-Channel 1000T to 1000SX MM/SC, 220m 62.5µ/550m 50µ

Note: Other connector types are available

10/100 To 100FX PoE Media Converters

PART NO.	DESCRIPTION
Power Source Equipment (PSE) Converters	
065-1050ST	10/100 to 100FX MM/ST, 2 km PSE Converter
065-1050SC	10/100 to 100FX SM/SC, 2 km PSE Converter
065-1050SM	10/100 to 100FX SM/SC, 15 km PSE Converter
Powered Device (PD) Converters	
065-1052ST	10/100 to 100FX MM/ST, 2 km PD Converter
065-1052SC	10/100 to 100FX SM/SC, 2 km PD Converter
065-1052SM	10/100 to 100FX SM/SC, 15 km PD Converter

Note: 40 and 75 km converters are available. Minimum order quantities may apply to certain models. Please call for details.

10/100 To 100FX PCI Based Media Converters

PART NO.	DESCRIPTION
Multimode Converters	
065-1060SC	10/100 to 100FX MM/SC, 2 km PCI Converter
065-1060ST	10/100 to 100FX MM/ST, 2 km PCI Converter
065-1060LC	10/100 to 100FX MM/LC, 2 km PCI Converter
Singlemode Converters	
065-1060SM	10/100 to 100FX SM/SC, 20 km PCI Converter

Note: 40 and 75 km converters are available.

10/100 To 100FX Mini Media Converters with Link Fault Signaling (LFS)

PART NO.	DESCRIPTION
Multimode Converters	
065-1000	10/100 to 100FX MM/ST, 2 km Mini Converter
065-1010	10/100 to 100FX MM/SC, 2 km Mini Converter
Singlemode Converters	
065-1020	10/100 to 100FX SM/SC, 15 km Mini Converter

Note: 40 and 75 km converters are available.
Extended Temperature (-10° C to 60° C) converters are also available in some models. Please call for details.

Serial Data to Ethernet Device Servers/ Media Converters

PART NO.	DESCRIPTION
065-1063FSC	Device Server / Media Converter RS-232/422/ 485 to 100BaseFX SC MM
065-1063FSM	Device Server / Media Converter RS-232/422/ 485 to 100BaseFX SC SM
065-1063FST	Device Server / Media Converter RS-232/422/ 485 to 100BaseFX ST MM
065-1063T	Device Server / Media Converter RS-232/422/ 485 to 10/100BaseT/TX

10/100 To 100FX Managed
Stand Alone Media Converters

PART NO.	DESCRIPTION
065-1600	10/100 to 100FX MM/ST, 2 km Converter
065-1610	10/100 to 100FX MM/SC, 2 km Converter
065-1620	10/100 to 100FX SM/SC, 5 km Converter

Note: Special order products. Minimum order quantities may apply.
    Other Managed Media Converter versions are also available.

Harsh Environment Media Converters

Industrial DIN-Rail Mount Hardened Media Converters

PART NO.	DESCRIPTION
065-1800TB	10/100 to 100FX MM/ST, 2 km, 24V DC Terminal Block
065-1810TB	10/100 to 100FX MM/SC, 2 km, 24V DC Terminal Block
065-1820TB	10/100 to 100FX SM/SC, 20 km, 24V DC Terminal Block
065-1895TB	1000T to 1000SX MM/SC, 220m 62.5µ/550m 50µ, 24V DC Terminal Block
065-1820TB	1000T to 1000LX SM/SC, 10 km, 24V DC Terminal Block

Note: 40 and 74 km converters are available.
    Extended distance SM and WDM SM converters are available.
    Industrial 24 V DC Power supplies sold separately: FO-DC-1824-30W
    24 Volt DC, 30 watt capacity. 60, 75, & 120 watt versions also available.

Harsh Environment Switches

Industrial DIN-Rail Mount Hardened Switches

PART NO.	DESCRIPTION
065-7408ATB	8-Port 10/100 Unmanaged Switch, 24V DC Terminal Block
065-74082FXTB	6-Port 10/100 + 2-Port 100FX MM/SC Unmanaged Switch, 24V DC Terminal Block
065-74084FXTB	4-Port 10/100 + 4-Port 100FX MM/SC Unmanaged Switch, 24V DC Terminal Block
065-74091FXTB	8-Port 10/100 + 1-Port 100FX MM/SC Unmanaged Switch, 24V DC Terminal Block

Managed Switches

24-Port 10/100/1000 Stackable Managed Switch
+ 2-SFP Dual Media Ports

PART NO.	DESCRIPTION
065-7840	24-Port 10/100/1000 Stackable Managed Switch + 2 SFP Dual Media Ports

24-Port 10/100 Stackable Managed Switch
+ 2 SFP/RJ-45 Dual Media Ports

PART NO.	DESCRIPTION
065-7726S	24-Port 10/100 Stackable Managed Switch + 2 SFP/RJ-45 Dual Media Ports

24-Port 10/100 Managed Switch
+ 2 Gigabit Expansion Ports

PART NO.	DESCRIPTION
065-7732A	24-Port 10/100 Managed Switch + 2 Gigabit Expansion Ports with redundant power supplies.
065-77SX	1000SX Module, Multimode/SC, 220m 62.5µ/550m 50µ
065-77LX	1000LX Module, Singlemode/SC, 10 Km
065-77LXED	1000LX Module, Singlemode/SC, 20 Km
065-77TX	1000BaseT Module, RJ-45 Cat 5e/6

24-Port 100FX Managed Fiber Switch
+ 2 Gigabit Fiber Ports

PART NO.	DESCRIPTION
065-7732AFSC	24-Port 100FX MM/SC + 2-Port 1000SX MM/SC
065-7732AFSM	24-Port 100FX SM/SC + 2-Port 1000LX SM/SC

800 446-2377 or visit our Web Site at www.signamax.com. for detailed product information and specifications.

Managed PoE Switches

24-Port 10/100 Stackable Managed PoE Switch + 2 SFP/RJ-45 Dual Media Ports

PART NO.	DESCRIPTION
065-7726SPOE	24-Port 10/100 Stackable Managed PoE Switch + 2 SFP Dual Media Ports

WebSmart 10/100/1000 Switches

24-Port 10/100 Stackable Managed PoE Switch + 2 SFP/RJ-45 Dual Media Ports

PART NO.	DESCRIPTION
065-7940B-WS	24-Port 10/100/1000 WebSmart Switch + 4 SFP Dual Media Ports

Small Form-factor Pluggable (SFP) Modules

PART NO.	DESCRIPTION
065-79SXMG	1000BaseSX SFP Module – MM/LC, 220m 62.5µ/550m 50µ
065-79SXEDMG	1000BaseSX SFP Module – MM/LC, 2 km
065-79LXMG	1000BaseLX SFP Module – SM/LC, 10 km
065-79LXEDMG	1000BaseLX SFP Module – SM/LC, 20 km
Note: Additional types of SFP modules available via Special Order.	

Unmanaged Switches

16 & 24-Port 10/100 Unmanaged Switches

PART NO.	DESCRIPTION
065-7331A	16-Port 10/100 Unmanaged Switch
065-7341A	24-Port 10/100 Unmanaged Switch

8-Port 100FX Unmanaged Switches

PART NO.	DESCRIPTION
065-7310FSC	8-Port 100FX MM/SC, 2 km Unmanaged Fiber Switch
065-7310FST	8-Port 100FX MM/ST, 2 km Unmanaged Fiber Switch

7-Port 10/100 Unmanaged Switches + 1-Port 100BaseFX

PART NO.	DESCRIPTION
065-7111SC	7-Port 10/100 Unmanaged Switch + 1-Port 100FX MM/SC, 2 km
065-7111ST	7-Port 10/100 Unmanaged Switch + 1-Port 100FX MM/ST, 2 km
065-7111SM	7-Port 10/100 Unmanaged Switch + 1-Port 100FX SM/SC, 15 km (Special Order)
065-7111SMED	7-Port 10/100 Unmanaged Switch + 1-Port 100FX SM/SC, 40 km (Special Order)

5 & 8-Port 10/100 Unmanaged Desktop Switches

PART NO.	DESCRIPTION
065-7007A	5-Port 10/100 Unmanaged Desktop Switch
065-7012A	8-Port 10/100 Unmanaged Desktop Switch

Ethernet Switches

NETWORK CONNECTIVITY SYSTEMS

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New Products

Please call to determine current availability.

12-Port 10/100 Hardened Managed Switch + 2-SFP/RJ-45 Dual Media Ports

Signamax Connectivity Systems' 065-7714HSFPTB Hardened Managed Switch is designed to operate in rugged environments with extreme temperature conditions. It is equipped with twelve 10/100BaseT/TX RJ45 ports and two Dual Media 10/100/1000BaseT/TX ports in a compact package that offers a variety of mounting options. It functions at temperatures ranging from -40° F to 167° F (-40° C to 75° C), meets NEMA TS1 and TS/2 specifications for Traffic Control Equipment, and is tested for functional operation at -40° F to 185° F (-40° C to 85° C). The 065-7714HSFPTB is a fully managed switch, with system administrator control via SNMP, Web Browser, Telnet or a Local Console port. Its advanced features provide easy implementation of resilient, high-capacity networks over Gigabit Ethernet copper and fiber backbones.

PART NO.	DESCRIPTION
065-7714HSFPTB	12-Port 10/100 Hardened Managed Switch + 2 SFP/RJ-45 Gigabit Dual Media Ports
065-7714HDINMT	DIN-rail mounting hardware for 065-7714HSFPTB
065-7714HPANELMT	Panel mounting hardware for 065-7714HSFPTB
065-7714HRACKMT	19 inch rack mounting hardware for 065-7714HSFPTB
065-79SXMG-H	1000BaseSX Hardened SFP Module 850 nm – MM/LC, 220 m Span on 62.5μ Fiber / 550 m Span on 50μ Fiber, -40° F to 185° F (-40° to 85° C) operation
065-79LXMG-H	1000BaseLX Hardened SFP Module 1310 nm – SM/LC, 10 km, -40° F to 185° F (-40° C to 85° C) operation
Note: Optional Mounting Hardware Kits and Hardened SFP Gigabit Ethernet Modules Sold Separately	
24 V DC DIN-rail Mount Hardened Power Supplies:	
DC-1824-30W	30 Watt extended temperature DIN-rail mount power supply, input 85 to 264 V AC (47 to 63 Hz.) or 120 to 370 V DC, 24 V DC output.
Note: 60 Watt, 75 Watt, and 120 Watt 24 V DC Power Supplies are also available.	

10/100 Unmanaged Hardened Industrial Power over Ethernet DIN-rail Mount Switches

Signamax Connectivity Systems' 065-74xxP series 8-Port 10/100 Unmanaged Hardened Industrial Power over Ethernet (PoE) DIN-rail Mount Switches have been developed to operate and provide reliable power to up to 4 PoE Powered Devices (PDs) in harsh industrial and municipal environments. These switches are an affordable PoE Power Source Equipment (PSE) solution for outdoor environments, transportation roadside systems, shop floors, and other harsh environments where consistent operation at temperature extremes of -40°F to 167°F (-40°C to 75°C) is necessary. Tested for functional operation to -40°F to 185°F (-40°C to 85°C).

PART NO.	DESCRIPTION
065-7408PTB	Unmanaged Hardened Switch with 8 10/100BaseT/TX ports (4 ports PoE PSE-capable), 48 V DC Redundant Power Terminal Block
065-7408P1FXSCTB	Unmanaged Hardened Switch with 7 10/100BaseT/TX ports (4 ports PoE PSE-capable) + 1 100BaseFX, SC Multimode port, 2 km Span, 48 V DC Redundant Power Terminal Block
065-7408P1FXSTTB	Unmanaged Hardened Switch with 8 10/100BaseT/TX ports (4 ports PoE PSE-capable) + 1 100BaseFX, ST Multimode port, 2 km Span, 48 V DC Redundant Power Terminal Block
065-7408P1FXSMTB	Unmanaged Hardened Switch with 7 10/100BaseT/TX ports (4 ports PoE PSE-capable) + 1 100BaseFX, SC Singlemode port, 20 km Span, 48 V DC Redundant Power Terminal Block (extended distance versions are available by special order)
48 V DC DIN-rail Mount Power Supplies for PoE Hardened Switches above:	
DC-1848-75W	75 Watt extended temperature DIN-rail mount power supply, input 88 to 264 V AC (47 to 63 Hz.) or 120 to 370 V DC, 48 V DC output.
DC-1848-120W	120 Watt extended temperature DIN-rail mount power supply, input 88 to 132 / 176 to 264 V AC (47 to 63 Hz.), switch-selectable, or 120 to 370 V DC, 48 V DC output.

10/100BaseT/TX Ethernet Extender Media Converter

Signamax Connectivity Systems' model 065-1167 is a point-to-point Ethernet Extender that efficiently extends 10/100 Ethernet circuits to over 1,960 feet (600 meters) at 30 Mbps using existing straight pair copper wire. The 065-1167 allows Ethernet connectivity in existing facilities without pulling extra cable where systems have been upgraded from slower serial data communication to Ethernet networking. The 065-1167 extenders are used in pairs; a single switch setting allows each unit to be set either for local operation at the near side of the circuit, or remote operation when used at the distant end of the circuit.

PART NO.	DESCRIPTION
065-1167	10/100BaseT/TX Ethernet Extender Media Converter
065-1167DIN	10/100BaseT/TX Ethernet Extender Media Converter with preattached DIN-rail mount

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