Leading transmission solutions for today's demanding IP Security Networks.

IFS® delivers cost-effective, high-performance network transmission solutions for IP Video, Access and Life Safety Applications.

ifs

Robust performance.
Complete flexibility.

Offering a wide range of analog and digital products with seamless migration to leading IP technology, IFS® transmission solutions represent the highest standard of performance and flexibility to meet your current and future needs.

With a comprehensive catalog of network switches, media converters, PoE accessories and power supplies, IFS solutions provide an integrated communication platform that combines powerful hardware with Command Line Interface (CLI) or simple, yet powerful, browser-based software for efficient operation and management.

Industry-leading development and support

Combining solid engineering practices and quality components, IFS products have a long-standing reputation for precise design that is field-proven and time-tested. All IFS network products meet IEEE standards to provide full interoperability with other vendors in an enterprise network environment. Interlogix provides pre- and post-sales engineering support, and all IFS network products undergo stringent quality control processes backed by a three-year warranty.

Network Switches

The ideal choice for access layer connectivity

IFS® network switches are designed to meet the needs of security integrators. Engineered with a high-bandwidth, non-blocking switch fabric, IFS switches provide low-latency IP video performance and advanced layer 2 features offering network interoperability and network management for small-to-medium commercial environments, as well as at the enterprise level.

Key features, such as powerful PoE management, advanced security and built-in diagnostic tools, are all easily accessible through CLI or a browser-based interface. IFS network switches effectively accommodate IP-based Video, Access and Intercom, as well as VoIP and WAP applications.

ES Series

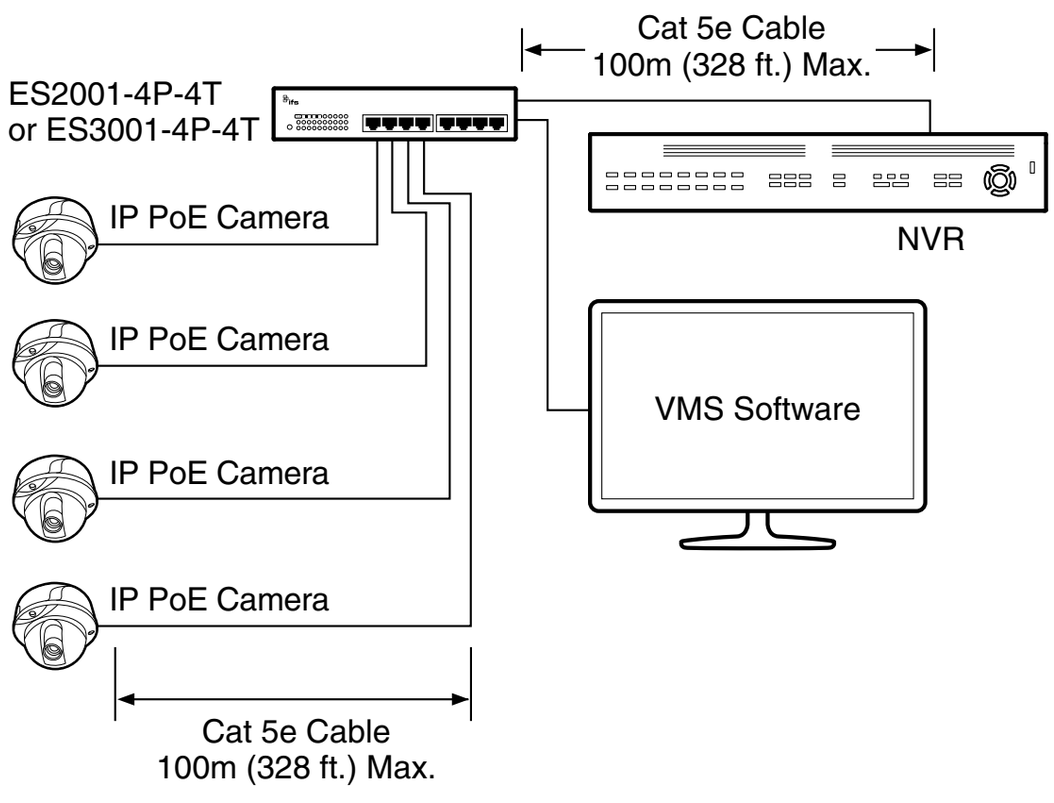
Designed for small stand-alone Ethernet systems, the IFS Economy Series (ES) provides a “plug-and-play” unmanaged solution with highly efficient throughput while offering robust PoE for demanding end-point power requirements.

- **Fast or Gigabit Ethernet**
- **8 RJ45 ports**
- **Built-in 4-port PoE-af (15.4W) injector**
- **Internal 55W power supply delivers robust PoE performance**
- **Energy efficient***
  - **– Idle Mode Link down Power Down**
  - **– Intelligent Power Scaling Technology**

**ES3001-4P-4T only*

ORDERING INFORMATION

ES Series Network Switches	
ES2001-4P-4T	8-Port Fast Ethernet Switch w/4 PoE (15.4W) ports
ES3001-4P-4T	8-Port Gigabit Ethernet Switch w/4 PoE (15.4W) ports



HIGH PERFORMANCE

BEST APPLICATION Enterprise • Educational/Campus

Fast Ethernet Managed Switches

Designed for efficient connectivity from the network edge to a backbone switch or server, IFS® Fast Ethernet layer 2 Managed Switches offer GigE copper or fiber (SFP) trunking and powerful full-power PoE capabilities.

Powerful Layer 2 Network Management

- IPv4 and IPv6 Support
- Powerful QoS, bandwidth and traffic management
- Multicasting with IGMP snooping and query
- Advanced security
- Built-in diagnostic tools

Robust PoE Management

- Total power budget control
- Per port control (enable/ disable, priority, power limit)
- PD classification detection
- PoE scheduling

ORDERING INFORMATION

Network Switches (PoE-af)	
GE-DS-82-POE	8-Port 10/100 + 2 GigE TP/SFP PoE (15.4W) Managed Switch
GE-DS-242-POE	24-Port 10/100 + 2 GigE TP/SFP PoE (15.4W) Managed Switch
Network Switches (PoE-at)	
NS2503-8P/2C	8-Port 10/100 + 2 GigE TP/SFP PoE+ (30W) Managed Switch
NS2503-24P/2C	24-Port 10/100 + 2 GigE TP/SFP PoE+ (30W) Managed Switch

HIGH PERFORMANCE

BEST APPLICATION Enterprise • Educational/Campus

Gigabit Ethernet Managed Switches

IFS Enterprise-class Gigabit Switches are engineered to provide high-performance, with reliable PoE distribution and high bandwidth optical network transmission.

Powerful Network Performance

- Available Layer 2+ static-routing
- Optional 10G SFP+ ports
- Robust PoE Power Budgets

Built-in diagnostics/ troubleshooting tools

- PoE management
- Cable diagnostics
- Local/Remote syslog
- PoE PD Alive-checking*

*Gigabit PoE+ (IEEE802.3-at) versions only

ORDERING INFORMATION

Network Switches (PoE-at)	
NS3502-8P-2S	8-Port GigE + 2 SFP Uplinks PoE+ (30W) Managed Switch
NS3702-24P-4S	24 Port Gigabit Ethernet w/4 Gigabit SFP Ports, PoE+ and L3 Static Routing
Network Switch (PoE-af)	
NS3601-24P/4S	24-Port GigE w/ 4 Shared SFP Stackable Full PoE Managed Switch
Network Switch (Non-PoE)	
NS3500-28T-4S	28-Port GigE w/ 4 Shared SFP Managed Switch
Network Switches (10G SFP+)	
NS4702-24P-4S-4X	24-Port PoE+ Gigabit Ethernet w/4 10Gig SFP+ Layer 2+ Managed Switch
NS4750-24S-4T-4X	24-Port Gigabit Fiber Switch w/4 10Gig SFP+ Layer 2+ Managed Switch

HIGH PERFORMANCE

BEST APPLICATION Transportation • Airports • Parking Lots

Industrial Fast Ethernet Managed Switch

The IFS® Industrial Fast Ethernet PoE Managed Switch is engineered for optimum performance in harsh and demanding environments, including highway/mass transit, factories and warehouse locations. With the unique IFS industrial failsafe ring topology, these switches are specifically designed for mission-critical network recovery and integrity.

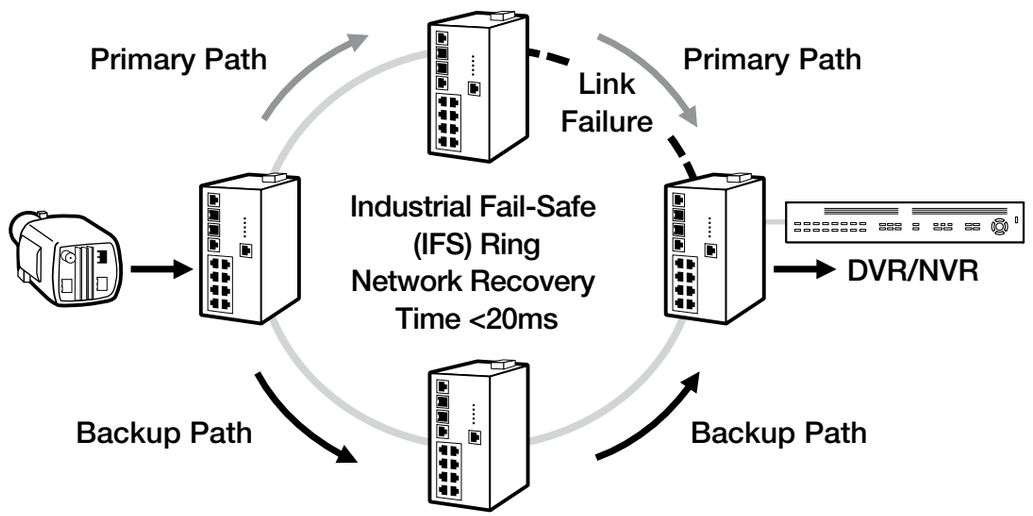
8+2-port Fast Ethernet PoE Managed Switch

- 8 -10/100Mbps RJ45 ports
- 2 -1000Mbps RJ45/SFP combo ports
- Support for PoE-af (15.4W)
- IFS redundant-ring topology w/ < 20ms network recovery time
- Redundant power with alarm outputs
- Voltage/surge-suppression
- -40ºC~+75ºC operating temperature range

ORDERING INFORMATION

Industrial Fast Ethernet Managed Switch	
GE-DSH-82-POE	8-Port Fast Ethernet PoE (15.4W) + 2 GigE TP/SFP Combo Ports

GE-DSH-82-PoE
Self-healing Ring Topology – 2 physical routes at the edge



HIGH PERFORMANCE

BEST APPLICATION Transportation • Airports • Parking Lots

Industrial Gigabit Ethernet Managed Switches

IFS Industrial Gigabit Ethernet Managed Switches meet a variety of high-performance applications and are available with high-power PoE support (PoE+) or optical SFP fiber communications.

8 or 24-port GigE Managed Switches

- 8 or 24-port GigE w/2 or 4 SFP (fiber) uplink ports
- 8 100/1000Mbps SFP (fiber) ports + 2-RJ45 ports
- Support for PoE-at (30W)**
- IFS redundant-ring topology with < 20ms network recovery time
- Redundant power with alarm outputs
- Voltage/surge-suppression
- -40ºC~+75ºC operating temperature range

ORDERING INFORMATION

Industrial Gigabit Ethernet Managed Switches

NS3552-8P-2S	8-Port Gigabit Ethernet Industrial PoE+ (30W) + 2-SFP Managed Switch
NS3550-8T-2S	8-Port Gigabit Ethernet Industrial + 2-SFP Managed Switch
NS3550-2T-8S	8-Port Gigabit Ethernet Industrial SFP (Fiber) + 2-RJ45 Managed Switch
NS3550-24T/4S	24-Port Gigabit Ethernet Industrial Managed Switch w/ 4 Shared SFP Ports

Industrial Unmanaged Switches

Designed for easy, “plug-and-play” connectivity, IFS® Unmanaged Ethernet Switches represent a rugged, reliable transmission solution well suited for demanding industrial environments. Easy to install and maintain, these robust switches provide fast and reliable data network transfer to the network edge.

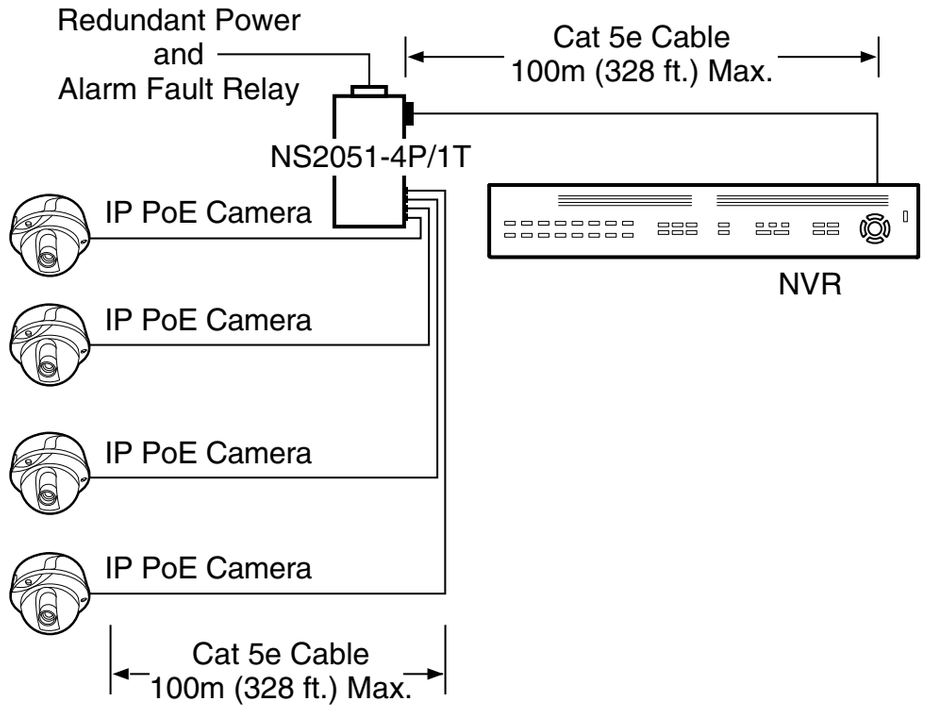
5 or 8-port GigE/Fast Ethernet Unmanaged Switches

- **10/100 or 10/100/1000Mbps RJ45 ports**
- **Redundant power with alarm outputs**
- **Voltage/surge-suppression**
- **-40ºC~+75ºC operating temperature range**
- **Built-in 4-port PoE-af (15.4W) Injector***

**NS2051-4P/1T only*

ORDERING INFORMATION

Unmanaged Fast Ethernet with PoE-af (15.4W)	
NS2051-4P/1T	5-Port Fast Ethernet Industrial Unmanaged Switch w/ 4-Port PoE (15.4W)
Unmanaged Gigabit Ethernet	
GE-DSGH-5	5-Port Gigabit Industrial Unmanaged Switch
GE-DSGH-8	8-Port Gigabit Industrial Unmanaged Switch



Media Converters

Cost-effective solution for challenging analog to IP migrations

Migrate from analog to IP transmission easily and efficiently with IFS® media converters that utilize existing coax, fiber or telephone-wire cabling. Reliable and cost-effective, these converters allow system integrators to fully leverage the investment of end-users' existing cabling infrastructure with proven, industry-standard technology.

ORDERING INFORMATION	
MCR Series Media Converters	
MCR200-1T-1TW	Fast Ethernet over Telephone Wire (2-RJ11 Ports)
MCR200-1T/1CX	Fast Ethernet over Coax
MCR205-1T/1S	Fast Ethernet over Fiber (1 SFP Port)
MCR300-1T/1S	Gigabit Ethernet over Fiber (1 SFP Port)
MCR300-1T-2S	Fast or GigE Ethernet over Fiber (2 SFP Ports)
MCR-R15	MCR Chassis w/Internal Power Supply - 15 slots
MCR-RPS	Internal Redundant Power Supply

MCR SERIES MEDIA CONVERTERS

Fast Ethernet over Telephone Wire

- **Fast Ethernet**
- **VDSL on telephone wire**
- **High-bandwidth transmission**
- **Up to 1 mile (1.6km)**

Fast Ethernet over Coax

- **Fast Ethernet**
- **VDSL on Coax**
- **High-bandwidth transmission**
- **50 or 75 ohm coax**
- **Up to 1.8 miles (2.9km)**

Fast or GigE Ethernet over Fiber

- **Fast or GigE Ethernet**
- **1 or 2 SFP ports**
- **High-bandwidth transmission**
- **Multi-mode or single mode**
- **Up to 43.5 miles (70.0km)**

MCR Chassis

- **Standard EIA 19" design**
- **Up to 15 MCR modules**
- **Hot-swappable**
- **Optional redundant power supply**

Fast Ethernet over Coax/Telephone Wire

The IFS® Ethernet to Coax/TW Media Converters are high-performance unmanaged switches that combine two well-proven technologies — Ethernet and VDSL2 — to provide a cost-effective solution for utilizing an existing coax or telephone cable infrastructure when migrating from analog to an Ethernet/IP system.

- **4-port 10/100Mbps RJ45 ports**
- **VDSL on Coax or Telephone wire**
- **IEEE802.3-af (15.4W) option**
- **Redundant power with alarm outputs**
- **Voltage/surge-suppression**
- **-40ºC~+75ºC operating temperature range**

ORDERING INFORMATION

Fast Ethernet to Coax/Telephone Wire	
MC250-4T/1CXT	4-Port Fast Ethernet to 1-Port Coax/TW Industrial Media Converter
MC251-4P/1CXT	4-Port Fast Ethernet to 1-Port Coax/TW Industrial Media Converter w/PoE (15.4W)

Fast Ethernet over Fiber

IFS® Fast Ethernet to SFP Industrial Media Converters are designed for the most demanding IP network applications, offering the flexibility of SFP technology for optimizing network performance with wide operating temperature range.

- **4-port 10/100Mbps RJ45 ports**
- **1 or 2 Fiber (SFP) or Fixed Optics (SC) ports**
- **IEEE802.3-af (15.4W) option**
- **Redundant power with alarm outputs**
- **Voltage/surge-suppression**
- **-40ºC~+75ºC operating temperature range**

ORDERING INFORMATION

Fast Ethernet to Fiber (SFP)	
MC250-1T/1S	Fast Ethernet to SFP Industrial Media Converter
MC250-4T/2S	4-Port Fast Ethernet to 2-Port SFP Fiber Industrial Media Converter
MC251-4P/1S	4-Port Fast Ethernet to 1-Port SFP Industrial Media Converter w/PoE (15.4W)
Fast Ethernet to Fiber (Fixed Optics)	
MC250-4T/1FM	4-Port Fast Ethernet to 1-Port MM Fiber Industrial Media Converter - 2km
MC250-4T/1FS	4-Port Fast Ethernet to 1-Port SM Fiber Industrial Media Converter - 15km
MC-4TX2FX	4-Port Fast Ethernet to 2-Port MM Fiber Media Converter - 2km

Gigabit Ethernet over Fiber (SFP)

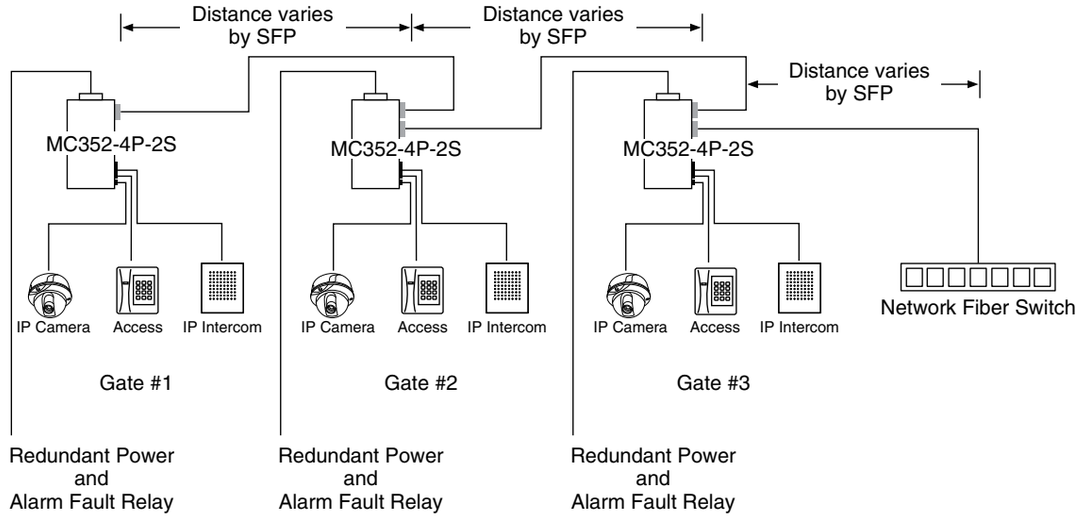
IFS® Industrial Gigabit Media Converters are unmanaged switches ideally suited for challenging environments including transportation and a wide range of industrial security applications.

- 4-port 10/100/1000Mbps RJ45 ports
- 1 or 2 SFP (Fiber) ports
- IEEE802.3-at (30W) PoE option
- Redundant power with alarm outputs
- Voltage/surge-suppression
- -40ºC~+75ºC operating temperature range

ORDERING INFORMATION

Gigabit Ethernet to Fiber (SFP)	
MC352-1P/1S	Gigabit Ethernet to SFP Industrial Media Converter w/PoE+ (30W)
MC355-1T/1S	Gigabit Ethernet to SFP Industrial Managed Media Converter
Gigabit Ethernet to Fiber (SFP) Drop-and-Repeat	
MC350-1T-2S	Gigabit Ethernet to 2-Port SFP Industrial Media Converter
MC350-4T-2S	4-Port Gigabit Ethernet to 2-Port SFP Industrial Media Converter
MC352-4P-2S	4-Port Gigabit Ethernet to 2-Port SFP Industrial Media Converter w/PoE+ (30W)

Drop-and-Repeat Application

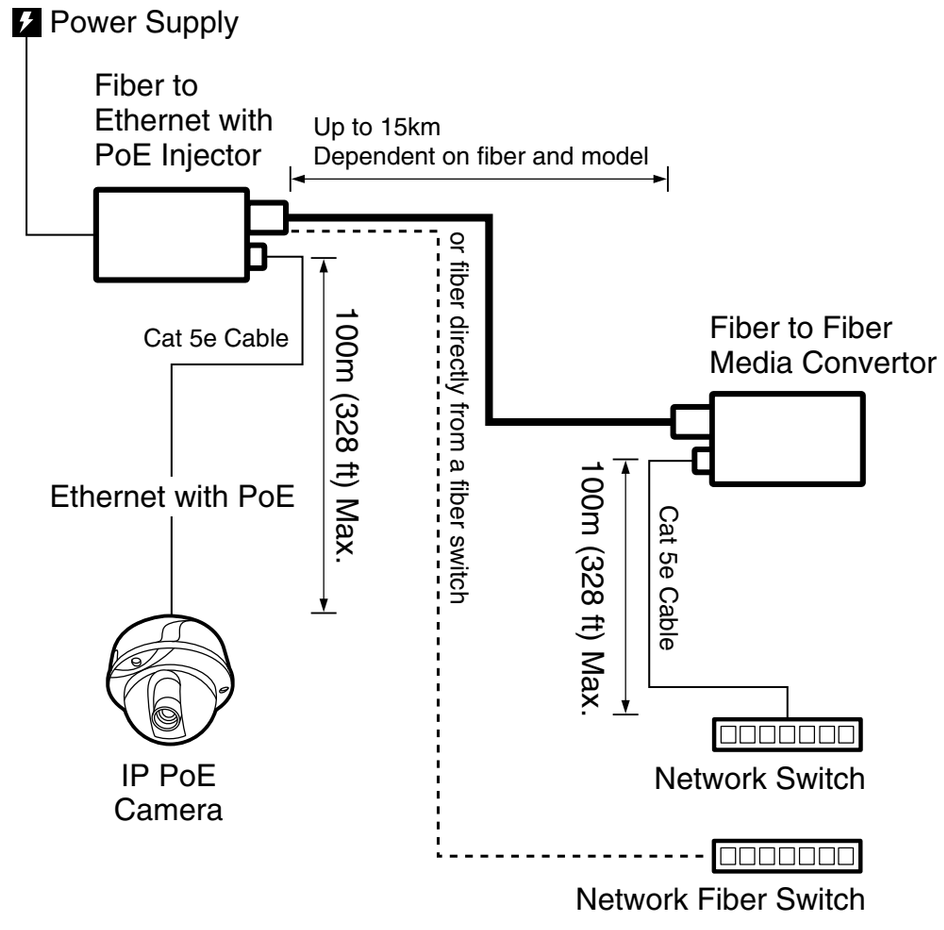


Fiber to Power over Ethernet (PoE) Media Converters

- 10/100Mbps
- IEEE802.3-af (15.4W)
- Up to 2Km (MM) or 15Km (SM)

ORDERING INFORMATION

Fiber to PoE Media Converters	
MC100FX-TX-POE	Fast Ethernet/PoE (15.4W) to MM Fiber Media Converter - 2km
MC201-1P/1FS	Fast Ethernet/PoE (15.4W) to SM Fiber Media Converter - 15km

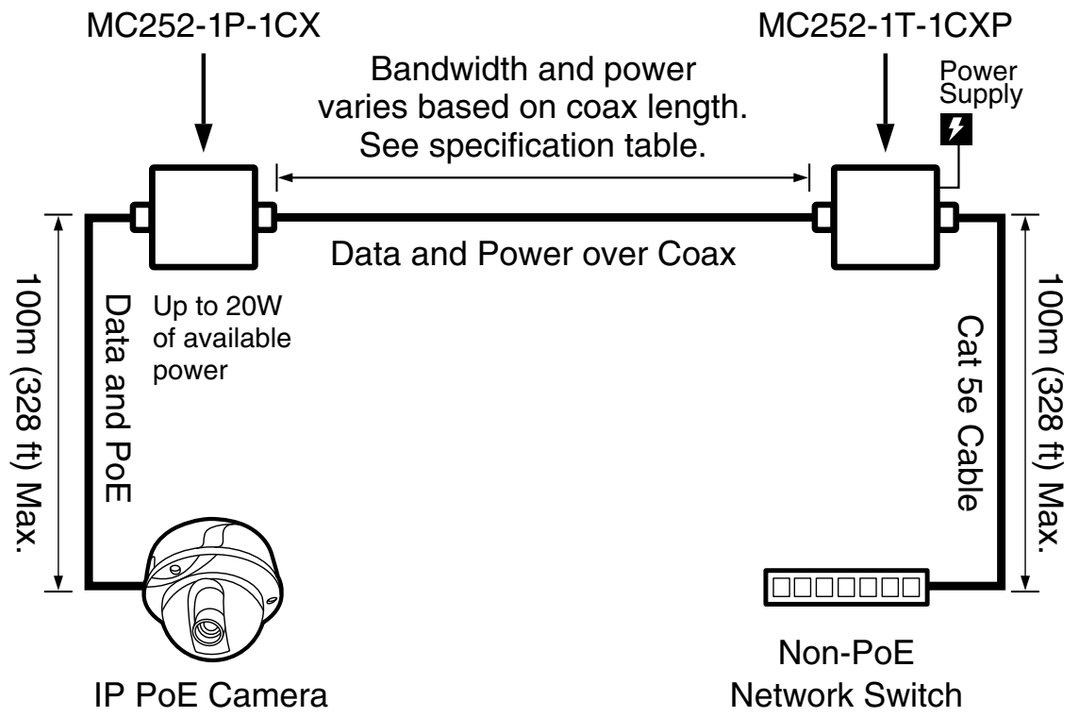


Power over Coax (PoC) Media Converters

- 10/100Mbps
- IEEE802.3-af (15.4W) or IEEE802.3-at (30W)
- Powered via PoE+ switch or external power supply
- Wide-temperature operation

ORDERING INFORMATION

Power over Coax Media Converters	
MC252-1P-1CX	Power over Coax (PoC) - Switch End
MC252-1P-1CXP	Power over Coax (PoC) - IP Camera End



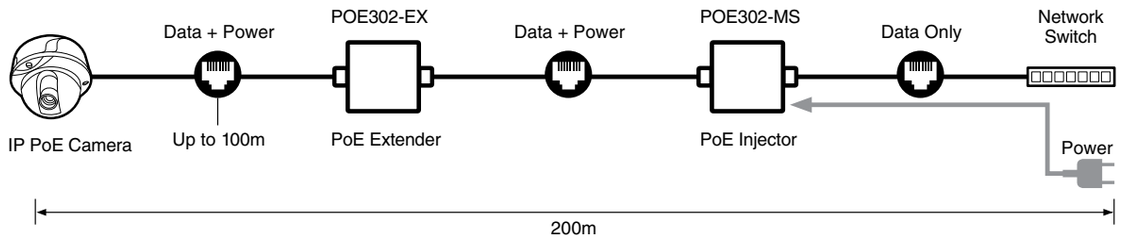
PoE Accessories & Power Supplies

Solutions for enhanced flexibility in PoE distributed systems

Delivering stable network distributed power is critical for today's demanding end-point devices. IFS® provides a full line of Power over Ethernet (PoE) accessories and external power supply options for flexible, robust and reliable power for IP network infrastructures.

ORDERING INFORMATION	
PoE Splitters	
SP-POE	Fast Ethernet PoE-af (15.4W) Splitter
POE302-SP	Gigabit Ethernet PoE-at (30W) Splitter
PoE Injectors	
MS-POE	Fast Ethernet PoE-af (15.4W) Mid-span Injector
POE201-MS/4	4-Port Fast Ethernet/PoE-af (15.4W) Mid-span Injector
POE302-MS	Gigabit Ethernet PoE-at (30W) Mid-span Injector
PoE Extenders	
POE201-EX	Fast Ethernet POE-af (15.4W) Extender
POE302-EX	Gigabit Ethernet POE-at (30W) Extender

POWER OVER ETHERNET ACCESSORIES



IFS Power over Ethernet (PoE) accessories provide quick and easy solutions for PoE challenges. A full range of IEEE802.3-af or at compliant products allows for injecting, extending or splitting Power over Ethernet cable to provide extreme flexibility in handing PoE at the edge for powered devices, including IP-based Video, Access and Intercom, as well as VoIP and WAP applications.

PoE Splitters

- **IEEE802.3-af or at compliant**
- **Fast or Gigabit Ethernet**
- **15.4 or 30W PoE**
- **Requires no external power supply**

PoE Injectors

- **IEEE802.3-af or -at compliant**
- **Fast or Gigabit Ethernet**
- **15.4 or 30W PoE**
- **4-port Fast Ethernet/PoE-af**

PoE Extenders

- **IEEE802.3-af or at compliant**
- **Fast or Gigabit Ethernet**
- **Extend PoE Ethernet beyond 100m**
- **Requires no external power supply**

Wall-Mount Power Supplies

- 5VDC power supplies for MCR Series modules
- 12VDC with interchangeable plugs for use in various countries/regions
- 48 and 56VDC power supplies for single-port PoE and PoE+ applications

ORDERING INFORMATION	
For non-PoE Products	
PS5VDC2A-US	5VDC –10W Wall-Mount Power Supply
PS12VDC1.5A-U	12VDC –18W Wall-Mount Power Supply
For Single-port PoE-af (15.4W) Products	
PS48VDC.38A-US	48VDC –18W Wall-Mount Power Supply
PS48VDC65W-US	48VDC – 65W Wall-Mount Power Supply
For Single-port PoE-af (30W) Products	
PS56VDC65W-US	56VDC – 65W Wall-Mount Power Supply

ORDERING INFORMATION	
Ethernet Surge Protector	
ESP-300	20KA 10/100/1000Mbps Ethernet Surge Protector w/PoE Pass-through

Industrial DIN-Rail Power Supplies

Engineered for optimal performance in harsh environmental conditions, IFS® Hardened Power DIN-rail power supplies provide reliable operation under full load in industrial environments, even in extreme temperature ranges.

- **48VDC for PoE and PoE+ multi-port products**
- **Available in 100W, 240W and 480W versions**
- **94% high efficiency and low power dissipation**

ORDERING INFORMATION

DIN-rail Mount Hardened (Wide-temp) Power Supplies	
PS48VDC100W-DIN	48VDC 100W DIN-Rail Power Supply
PS48VDC240W-DIN	48VDC 240W DIN-Rail Power Supply
PS48VDC480W-DIN	48VDC 480W DIN-Rail Power Supply
Surface Mount Hardened (Wide-temp) Power Supply	
HLG-240-48	48VDC 240W Industrial Power Supply

Small Form-Factor Pluggables (SFPs)

High-performance transmission over optical fiber

IFS® Small Form-Factor Pluggable (SFP) transceiver modules are designed for high-performance, integrated duplex data transmission over optical fiber. These SFP transceiver modules are compliant with the industry's SFP Multi-Source Agreement (MSA) standard.

ORDERING INFORMATION

Part	Media	Description	Distance
2 Fiber (Multi-mode)			
S20-2MLC-2	MM	SFP - 100Mbps 2MM Fiber LC	2km
2 Fiber (Single mode)			
S20-2SLC-20	SM	SFP - 100Mbps 2SM Fibers LC	20km
1 Fiber (Single mode)			
S20-1SLC/A-20	SM	SFP - 100Mbps 1SM Fiber LC/A	20km
S20-1SLC/B-20	SM	SFP - 100Mbps 1SM Fiber LC/B	20km
Hardened (Wide-temp)			
S25-2MLC-2	MM	SFP - 100Mbps 2MM Fibers LC	2km
S25-2SLC-20	SM	SFP - 100Mbps 2SM Fibers LC	20km

Fast Ethernet

IFS Fast Ethernet SFPs are available in multi-mode or single mode versions, 1- or 2-fiber configurations with LC connectors. Hardened versions accommodating wide temperature ranges are also available with transmission distances up to 20km.

10 Gigabit Ethernet

10G Ethernet SFP+ modules are available for multi-mode or single mode applications.

ORDERING INFORMATION

Part	Media	Description	Distance
S40-2MLC	MM	SFP+ - 10Gbps 2MM Fibers LC	300m
S40-2SLC-10	SM	SFP+ - 10Gbps 2SM Fibers LC	10km

Gigabit Ethernet

Gigabit Ethernet SFPs are available in multi-mode or single mode versions, 1- or 2-fiber configurations with LC connectors. An SFP with an RJ45 connector is available to add additional copper ports to a fiber network switch. Gigabit Ethernet SFPs are also available in hardened versions with transmission distances up to 70km.

ORDERING INFORMATION

Part	Media	Description	Distance
Copper (RJ45)			
S30-RJ	TP	SFP - 1000Mbps RJ45	100m
2 Fiber (Multi-mode)			
S30-2MLC	MM	SFP - 100Mbps 2MM Fibers LC	220/550m
S30-2MLC-2	MM	SFP - 100Mbps 2MM Fibers LC	2km
2 Fiber (Single mode)			
S30-2SLC-10	SM	SFP - 1000Mbps 2SM Fiber LC	10km
S30-2SLC-30	SM	SFP - 1000Mbps 2SM Fiber LC	30km
S30-2SLC-70	SM	SFP - 1000Mbps 2SM Fiber LC	70km
1 Fiber (Single mode)			
S30-1SLC/A-10	SM	SM SFP - 1000Mbps 1SM Fiber LC/A	10km
S30-1SLC/B-10	SM	SM SFP - 1000Mbps 1SM Fiber LC/B	10km
S30-1SLC/A-20	SM	SFP - 1000Mbps 1SM Fiber LC/A	20km
S30-1SLC/B-20	SM	SFP - 1000Mbps 1SM Fiber LC/B	20km
S30-1SLC/A-60	SM	SFP - 1000Mbps 1SM Fiber LC/A	60km
S30-1SLC/B-60	SM	SFP - 1000Mbps 1SM Fiber LC/B	60km
Hardened (Wide-temp)			
S35-2MLC	MM	SFP - 1000Mbps 2MM Fiber LC	220/550m
S35-2SLC-10	SM	SFP - 1000Mbps 2SM Fiber LC	10km
S35-2SLC-30	SM	SFP - 1000Mbps 2SM Fiber LC	30km
S35-2SLC-70	SM	SFP - 1000Mbps 2SM Fiber LC	70km

Network Switches Comparison Matrix

Part Number	Port Type		Ports	PoE		Uplink Ports			Management			Environmental	Recommended Power Supply
	Fast Ethernet	Gigabit Ethernet	Number of RJ45 Ports	PoE (15.4w)	PoE+ (30.8w)	Uplink	SFP	SFP+	Unmanaged	Managed	L2+ Static Routing	Industrial	
Economy Switches													
ES2001-4P-4T	✓		8	4					✓				Built-in
ES3001-4P-4T		✓	8	4					✓				Built-in
Network Switches													
GE-DS-82-POE	✓		8	8		2 TP/SFP (Combo)	S30 Series			✓			Built-in
NS2503-8P/2C	✓		8	8	5	2 TP/SFP (Combo)	S30 Series			✓			Built-in
NS3502-8P-2S		✓	8	8	4	2 SFP	S20/S30 Series			✓			Built-in
GE-DS-242-POE	✓		24	24		2 TP/SFP (Combo)	S30 Series			✓			Built-in
NS2503-24P/2C	✓		24	24	12	2 TP/SFP (Combo)	S30 Series			✓			Built-in
NS3500-28T-4S		✓	28			4 SFP (Shared)	S20/S30 Series			✓			Built-in
NS3601-24P/4S		✓	24	24		4 SFP (Shared)	S20/S30 Series			✓			Built-in
NS3702-24P-4S		✓	24	24	12	4 SFP (Shared)	S20/S30 Series			✓	✓		Built-in
NS4702-24P-4S-4X		✓	24	24	14	4 SFP 4 SFP+	S20/S30 Series	S30/ S40 Series		✓	✓		Built-in
NS4750-24S-4T-4X		✓	4 TP (Shared)			24 SFP 4 SFP+	S20/S30 Series	S30/ S40 Series		✓	✓	✓	Built-in or external DC Power Supply option (PS48VDC100W-DIN)

Network Switches Comparison Matrix cont.

Part Number	Port Type		Ports	PoE		Uplink Ports			Management			Environmental	Recommended Power Supply
	Fast Ethernet	Gigabit Ethernet	Number of RJ45 Ports	PoE (15.4w)	PoE+ (30.8w)	Uplink	SFP	SFP+	Unmanaged	Managed	L2+ Static Routing	Industrial	
Industrial Switches													
NS2051-4P/1T	✓		5	4		100Mbps (TP)	N/A		✓			✓	PS48VDC100W-DIN
GE-DSH-82-POE	✓		8	8		2 TP/SFP (Combo)	S20/S25 or S30/ S35 Series			✓		✓	PS48VDC240W-DIN HLG-240-48
NS3550-8T-2S		✓	8			2 SFP	S20/S25 or S30/ S35 Series			✓		✓	PS12VDC1.5A-U
NS3552-8P-2S		✓	8	8	8	2 SFP	S20/S25 or S30/S35 Series			✓		✓	PS48VDC480W-DIN
NS3550-2T-8S		✓	2			8 SFP	S20/S25 or S30/S35 Series			✓		✓	PS12VDC1.5A-U
GE-DSGH-5		✓	5			1000Mbps (TP)	N/A		✓			✓	PS12VDC1.5A-U
GE-DSGH-8		✓	8			1000Mbps (TP)	N/A		✓			✓	PS12VDC1.5A-U
NS3550-24T/4S		✓	24			4 SFP (Shared)	S20/S25 or S30/ S35 Series			✓		✓	PS48VDC100W-DIN
Surge Protector													
ESP-300	✓	✓	1	Pass-through	Pass-through								N/A

Media Converters Comparison Matrix

Part Number	MCR Series Compatible	Hardened	Fast Ethernet	Gigabit Ethernet	Coax	POTS Wire	Optical Fiber or SFPs	PoE	Recommended Power Supply
Ethernet to Coax or Twisted Pair									
MCR200-1T-1TW	✓		✓			✓			PS5VDC2A-US
MC252-1T-1CXP & MC252-1P-1CX		✓	✓		✓			AT (30W)	PoE Switch or PS56VDC65W-US
MCR200-1T/1CX	✓		✓		✓				PS5VDC2A-US
MC250-4T/1CXT		✓	✓		✓	✓			PS12VDC1.5A-U
MC251-4P/1CXT		✓	✓		✓	✓		AF (15.W)	PS48VDC100W-DIN
Ethernet to Fiber									
MCR205-1T/1S	✓		✓				S20 Series		PS5VDC2A-US
MC100FX-TX-POE			✓				MM – 2km	AF (15.W)	PS48VDC.38A-US
MC201-1P/1FS			✓				SM – 15km	AF (15.W)	PS48VDC.38A-US
MC-4TX2FX			✓				MM – 2km		PS12VDC1.5A-U
MCR300-1T/1S	✓			✓			S30 Series		PS5VDC2A-US
MCR300-1T-2S	✓			✓			S20 or S30 Series		PS5VDC2A-US

Media Converters Comparison Matrix cont.

Part Number	MCR Series Compatible	Hardened	Fast Ethernet	Gigabit Ethernet	Coax	POTS Wire	Optical Fiber or SFPs	PoE	Recommended Power Supply
Industrial Ethernet to Fiber									
MC250-1T/1S		✓	✓				S20/S25 Series		PS12VDC1.5A-U
MC250-4T/1FM		✓	✓				MM – 2km		PS12VDC1.5A-U
MC250-4T/1FS		✓	✓				SM – 15km		PS12VDC1.5A-U
MC251-4P/1S		✓	✓				S20/S25 Series	AF (15.W)	PS48VDC100W-DIN
MC250-4T/2S		✓	✓				S20/S25 Series		PS12VDC1.5A-U
MC355-1T/1S		✓		✓			S30/S35 Series		PS12VDC1.5A-U
MC350-1T-2S		✓		✓			S20/25 or S30/35 Series		PS12VDC1.5A-U
MC352-1P/1S		✓		✓			S20/S25 or S30/S35 Series	AT (30W)	PS48VDC100W-DIN
MC350-4T-2S		✓		✓			S20/S25 or S30/S35 Series		PS12VDC1.5A-U
MC352-4P-2S		✓		✓			S20/S25 or S30/S35 Series	AT (30W)	PS48VDC240W-DIN HLG-240-48
MCR Card Cages									
MCR-R15	✓								MCR-RPS
MCR-RPS	✓								
Surge Protector									
ESP-300			✓	✓				Pass-Through	N/A

PoE Comparison Matrix

PoE Splitters	Fast Ethernet	Gigabit Ethernet	PoE-af 15.4W	PoE-at 30W	No PS Required	Recommended Power Supply
SP-POE	✓		✓		✓	N/A
POE302-SP		✓		✓	✓	N/A
PoE Injectors						
MS-POE	✓		✓			PS48VDC.38A-US
POE302-MS		✓		✓		PS56VDC65W-US
POE201-MS/4 (4-port)	✓		✓			PS48VDC65W-US
PoE Extenders						
POE201-EX	✓		✓		✓	N/A
POE302-EX		✓		✓	✓	N/A

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2014/09 (79444)