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2016

NETWORK INFRASTRUCTURE PRODUCT GUIDE

B+B SMARTWORX

Powered by

ADVANTECH



From the Edge of Nowhere to the Middle of Anywhere

Where does *your* network need to go?

Advantech B+B SmartWorx is a company of engineers, technicians and precision manufacturers. We are committed to bringing to market a full spectrum of best-in-class networking solutions and data communications equipment that are easy to buy, easy to install and - more importantly - easy to use.

For more than three decades, Advantech B+B SmartWorx has engineered and manufactured rugged, reliable networking communications products for LANs, WANs, and demanding environments.

The demand for bandwidth has propelled us to offer products not only offering Fast Ethernet, but Gigabit and 10G, while supporting a variety of Protocols. The capability of offering management on many of our products allows the devices to be configured and monitored remotely.

B+B SMARTWORX

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PRODUCT WARRANTY & PRICING

All products carry a limited-lifetime-warranty; refer to warranty statement on website and/or product documentation.
Prices are subject to change without notice.
All products meet UL/CSA/CE certification.
All products meet RoHS-2 and WEEE certification.
All products are TAA Compliant. Advantech B+B SmartWorx supports GSA contract/pricing.
Fiber products meet Class I eye-safe laser.



ETHERNET SWITCHES, ROUTERS & EXTENDERS

EXTEND YOUR INDUSTRIAL NETWORK TO THE EDGE

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PRODUCT FAMILY OVERVIEW

ACCESS AND CONTROL AT THE NETWORK'S EDGE

As networks get more complex and specialized, Advantech B+B SmartWorx works harder to make networking easier for you. Our products help customers access their data information and control equipment – whether nearby or at remote distances. We provide a broad selection of rugged and reliable Ethernet devices designed with the most demanding industrial applications and environments in mind.

- Energy & Remote Powering
- Alternative Energy Sources
- Water/Wastewater
- Government/Defense
- Telecommunications
- Enterprise IT
- Security/Camera Surveillance
- Building Control
- Instrumentation/testing
- Transportation

UNMANAGED SWITCHES

SE200 series *New!*

- **Class I Division 2 rated**
- Industrial, unmanaged
- Best in class & cost-effective
- cUL/UL rated

ESW100 series, ESW200 series

- **Class I Division 2 rated**
- Unmanaged 5 and 8 port switches
- IEEE 802.3, 802.3u, IEC802.3x, Level 3 61000-6-2 EMC
- IEC 60068 (shock, vibration, free fall)
- Standard operating temperature: -10 to 60°C
- Fiber distances: 2km (multi-mode) and 20km (single-mode)
- Redundant power inputs: 12 to 36 VDC, 10 to 24 VAC
- 10/100M, full/half duplex, MDI/MDI-X (auto-negotiate)
- 2K MAC addresses; Broadcast storm control
- Industrial IP30 DIN rail case (6 panel mount options)
- ESW100 series:
 - Ultra compact design, less than 25mm (<1”) wide
 - LC fiber port options
- ESW200 series:
 - Class I/Division 2 options; NEMA TS2 options
 - ST, SC single and multi-mode fiber ports options
 - Wide temperature options, -40 to 75°C (-T models)
 - 12 to 36VDC and 24VAC capable

EIR400 series

- Unmanaged 5 to 18 port, Gigabit (1000Base) Ethernet
- Input voltage: dual 12 to 48 VDC, reverse polarity protection
- Power connection: removable terminal block
- Wide temperature: -40 to 75°C
- Fault output: relay output
- Fiber options via SFP modules
- NEMA TS2 options

ESW626 series, ESWG626 series

- Unmanaged 26 port, 10/100 & 10/100/1000 Ethernet
- Gigabit options with copper and SFP combo ports
- Broadcast storm filter
- 8k MAC address table
- RJ45 supports auto MDI/MDI-X Functions
- 19-inch rack mount, IP30, fanless design
- Built-in fiber (ESWG626 models)
- Wide temperature: -40 to 75°C (-T models)

MANAGED SWITCHES

SE400 series *COMING SOON*

- Industrial L2 Managed
- Industrial Protocol Support
 - Ethernet/IP & Profinet
- Control System integration
- -10 to 60 & -40 to 75°C
- UL508/ATEX/IECEX

EIR508-T

- Managed 8 port industrial switch
- Dual 12 to 48 VDC power inputs
- Relay alarm output
- IP30 DIN rail or panel mount
- Wide operating temperature
- Automatic email notification for system events
- SNMP or Web Gui management

ESW500 series

- Managed 6 to 16 port Ethernet switches
- -10 to 60°C; -40 to 75°C (-T models)
- Gigabit options with copper and SFP combination ports
- Multi-mode, single-mode SC fiber port options
- IGMP snooping with query mode
- Port based VLAN / 802.1 Q Tag VLAN
- Power inputs & relay alarm output
- 12 to 36VDC (10 to 24VAC for ESW508 & ESW516 series)
- IEC 61000-6-1, IEC 60068 (shock, vibration, free fall)
- NEMA TS2 options

EIR600 series

- Managed Gigabit (1000Base) Ethernet switches
- IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
- Redundant ring recovery time: <20ms
- Redundant dual power inputs and relay alarm output
- IGMP snooping with query mode
- Port based VLAN 802.1 Q Tag VLAN
- Auto MDI/MDI-X and Auto-negotiation
- Store-and-forward switching architecture
- Secure configuration, management, operation via web, SNMP or CLI
- Wide temperature
- NEMA TS2 options

ESW726 series, ESWG726 series

- Managed 26 port, 10/100 & 10/100/1000 Ethernet
- Copper, SFP combo ports, SC single/multi-mode fiber
- RJ45 supports auto MDI/MDI-X functions
- 19-inch rack mount, IP30, fanless design
- Built-in fiber (ESWG626 models)
- Wide temperature: -40 to 75°C (-T models)

MONITORED SWITCHES

SE300 series *New!*

- Industrial Lite-Managed
- Networking and monitoring
- SNMP (IT) with IView tool
- Strong Portfolio & Selection
- UL508/ATEX/IECEX

PoE/PoE+ SWITCHES *Unmanaged, Monitored, Managed*

SE300 series - select models *New!*

- PoE / PoE+ with full GB options
- IEEE802.3af/at compliant
- Each port, up to 30 W
- PoE power budget, Max. 60 W
- Smart PoE management

ESWP205-1-SFP-T, ESWG206-2SFP-T

- Unmanaged 10/100 & 10/100/1000 PoE+ switches
- Advanced PD detection & protection
- PoE+ (30W) per port
- Legacy PoE support
- Wide operating temperature -40 to 85°C
- 24VDC redundant power inputs
- SFP slots for MSA compliant Fiber
- Heavy industrial Level 4 certified; Rugged IP30 enclosure

EIRxP305 series, EIRP410-2SFP-T

- *Class I Division 2 rated (#EIRHP305-T, #EIRP305-24V-T)*
- Unmanaged 10/100 PoE (15.4W and 25.5W options) switches
- Gigabit options for high throughput, high bandwidth
- Rugged IP30 case, DIN or panel mount
- Dual power inputs and alarm output
- Wide temperature: -40 to 75°C (ESWGP206, -40 to 85°C)

EIRP600 series

- Managed PoE Gigabit switches (10/100/1000 Mbps)
- Gigabit speeds for high throughput, high bandwidth
- Power-over-Ethernet (PoE), PSE ports power IEEE802.3af PD devices
- SFP ports for network flexibility
- Auto MDI/MDI-X
- Dual power inputs and alarm output
- Wide temperature (-T models)
- Rugged IP30 metal DIN rail or panel mount case
- NEMA TS2 options

ESWGP5x series

- Managed 10/100 & 10/100/1000 PoE+ switches
- Advanced PD detection & protection
- PoE+ (30W) per port
- Wide operating temperature, -40 to 85°C
- PoE+ (30W) per port
- 24VDC & 48VDC redundant power inputs
- SFP slots for MSA compliant Fiber
- Legacy PoE support
- Port based VLAN / 802.1Q Tag VLAN
- RingOn, dual ring redundancy < 15ms
- Power supply derating curve integration
- Heavy industrial certified - Level 4
- Remote reset function
- Compact rugged IP30 enclosure

PoE SPLITTER

EPSG202

- UL 508
- 10/100/1000T for PoE in and data out
- Output power up to 25W at 24VDC
- Wide temperature: -40 to 75°C
- Power isolation and short circuit protection for power output
- Auto disconnect for over-power voltage input
- 3k VDC EFT power line protection; 6k VDC ESD Ethernet protection

ETHERNET EXTENDERS

Extend Ethernet over existing coaxial cable or copper wire.

EIR-EXTEND-C, EIS-EXTEND-C series

- Industrial grade, hardened coaxial extender (EIR-EXTEND-C)
- Commercial grade, coaxial extender (EIS-EXTEND-C)
- BNC or F-Type connector line port link
- 10/100Base TX (TX) RJ-45 Ethernet port
- IEEE 802.3 10BaseT and IEEE 802.3u 100BaseTX compliant
- Status LEDs for monitoring and connection

EIS2-EXTEND & EIR2-EXTEND Hardened series

- Industrial grade, 10/100Base-TX hardened extender
- Extend Ethernet over common copper, telephone, Cat5e
- IEEE 802.3 10BaseT and IEEE 802.3u 100BaseTX compliant
- Stand-alone device or install in 19-inch rack chassis (# EIS2-EXTEND)
- Wide temperature (# EIR2-EXTEND)
- Desktop, DIN rail option (# EIS2-EXTEND); DIN rail (# EIR2-EXTEND)

EIRP-EXTEND

- PoE+ ports for cameras and PoE devices
- Status LEDs for monitoring and connection
- Redundant wide voltage inputs; wide operating temperature
- EN61000-6-2 EMC heavy industrial standards
- IEC600068-2-27 (shock) and 600068-2-6 (vibration) tested
- NEMA TS1/TS2 requirements for traffic control equipment

WIRED ROUTERS

ERT310 series - Spectre RT *(North America)*

- NEMA TS1 & TS2 rated for traffic control equipment
- VPN security - IPsec, OpenVPN, LP2T
- Firewall support
- NAT/PAT address & port translation
- SNMP management
- Wide temperature: -40 to 75°C

XR5i v2 series *(EMEA, SA, LA)*

- VPN security - IPsec, OpenVPN, LP2T
- Firewall support
- NAT/PAT address & port translation
- SNMP management
- Wide temperature: -40 to 75°C

PRODUCT FAMILY COMPARISON

ETHERNET SWITCHES, ROUTERS & EXTENDERS



UNMANAGED ETHERNET SWITCHES

PRODUCT FAMILY	Entry-level Industrial Switches	Ultra-slim Industrial Ethernet Switches	Compact Industrial Ethernet Switches - wide temp	Industrial Ethernet Switches - GB	Industrial Ethernet Switches - GB, rack mount
PRODUCT SERIES	SE200 series	ESW100 series	ESW200 series	EIR410-2SFP-T model EIR418-2SFP-T model	ESW626 series ESWG626-2SFP series
Function	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
10/100 Base	✓	✓	✓	✓	✓
Gigabit				✓	ESWG626 series
PoE					
Ports					
Total Port Count	5, 8	5, 8	5, 8	10, 18	26
Built-in Fiber Option	✓	✓	✓		ESWG626 series
SFP Fiber Option				✓	ESWG626 series
Specifications					
Temperature		-10°C / +60°C	-10°C / +60°C	-40°C / +75°C	-10°C / +60°C
Wide Temperature Option	-40°C to 75°C	-	-40°C to 75°C	-	-40°C to 75°C
Power DC- Low / High	12 VDC / 48 VDC	12 VDC / 36 VDC	12 VDC / 36 VDC	12 VDC / 48 VDC	18 VDC / 36 VDC
Power AC		10 to 24 VAC	10 to 24 VAC		
Dual Power Inputs	✓	✓	✓	✓	
Relay Outputs	✓			✓	
Mounting Options	DIN Rail or Wall	DIN Rail (panel mount option)	DIN Rail (panel mount option)	DIN Rail (panel mount option)	19" Rack Mount
NEMA TS2 Options			✓	✓	
Class 1 / Division 2	✓	✓	✓		
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POWER-OVER-ETHERNET SWITCHES

PRODUCT FAMILY	PoE Industrial 10/100 Ethernet Switches	PoE Industrial GB & SFP Ethernet Switches	Managed PoE Industrial GB & SFP Ethernet Switches	PoE Industrial GB Splitter
PRODUCT SERIES	ESWP205-1SFP-T EIRxP305 series	ESWGP205-2SFP-T model EIRP410-2SFP-T model	ESWGP500 series EIRP610-2SFP-T model	EPSPG202 model
Function	Unmanaged	Unmanaged	Managed	Unmanaged
10/100 Base	✓	✓	✓	✓
Gigabit		✓	✓	✓
PoE	✓	✓	✓	✓
Ports				
Total Port Count	5	6, 10	6, 8, 10, 12, 18	2
Built-in Fiber Option				
SFP Fiber Option		✓	✓	
Specifications				
Wide Temperature	-40°C / +75°C (-40 to +85°C, ESWP205)	-40°C / +75°C (-40 to +85°C, ESWGP206)	-40°C / +75°C (-40 to +85°C, ESWGP5x)	-40°C / +75°C
Power DC- Low / High	24 VDC / 48 VDC	48 VDC / 48 VDC	12 VDC / 48 VDC	24 VDC / 24 VDC
Dual Power Inputs	✓	✓	✓	
Relay Outputs	✓	✓	✓	
Mounting Options	DIN Rail (panel mount option)	DIN Rail (panel mount option)	DIN Rail (panel mount option)	DIN Rail (panel mount option)
NEMA TS2 Options			✓	
Class 1 / Division 2	EIRHP305-T, EIRP305-24V-T			
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NEW!



MONITORED SWITCHES		MANAGED SWITCHES			MANAGED ROUTERS	
Light-Managed industrial Switches	Industrial 10/100 Ethernet Switch	Industrial 10/100/1000 Switches - SFP, fiber	Industrial 10/100/1000 Ethernet Switches - SFP	Industrial Ethernet Switches - GB, rack	Industrial LAN Routers Available: NATAM	Industrial LAN Routers Available: EMEA, SA, LA
SE300 series	EIR508-T model	ESW500 series	EIR600 series	ESW726 series ESWG726-2SFP series	ERT300 series	XR5i v2 series
	Managed	Managed	Managed	Managed	Managed	Managed
✓	✓	✓	✓	✓	✓	✓
✓		✓	✓	ESWG726 series		
5, 6, 8, 10, 16, 18	8	8, 16	8, 10, 18	26	2	2
✓		✓				
✓		✓	✓	ESWG726 series		
Specifications						
-	-40°C / +75°C	-10°C / +60°C	-10°C / +60°C	-10°C / +60°C	-	-
-40°C to 75°C	-	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C	40°C / +75°C	-40°C / +75°C
12 VDC / 48 VDC	12 VDC / 48 VDC	12 VDC / 36 VDC	12 VDC / 48 VDC	18 VDC / 36 VDC	10 VDC / 30 VDC	10 VDC / 30 VDC
✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓		
DIN Rail or Wall	DIN Rail (panel mount option)	DIN Rail (panel mount option)	DIN Rail (panel mount option)	19" Rack Mount	Standalone or Desktop (DIN rail option)	Standalone or Desktop (DIN rail option)
✓		✓	✓		✓	
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ETHERNET EXTENDERS					
PRODUCT FAMILY	Commercial Coaxial Extenders	Hardened Industrial Coaxial Extender	Commercial Copper Extender	Hardened Industrial Copper Extender	PoE+ Industrial Copper Extender
PRODUCT SERIES	EIS-EXTEND-C series	EIR-EXTEND-C model	EIS2-EXTEND	EIR2-EXTEND	EIRP-EXTEND model
Function	Commercial Grade	Industrial Grade	Commercial Grade	Industrial Grade	Industrial Grade
Unmanaged	✓	✓			✓
Managed			✓	✓	
Extender Type	Coaxial	Coaxial	Copper	Copper	Copper
Specifications					
Maximum Distance/Resulting Speed	2600 m/1-5Mbps	2600 m/1-5Mbps	2600m/1Mbps	2600m/1Mbps	1900 m/1Mbps
Resulting Distance/Maximum Speed	200m/85Mbps	200m/85Mbps	300m/100Mbps	300m/100Mbps	300m/50Mbps
Temperature	-10°C / +60°C	-	-10°C / +60°C	-	-
Wide Temperature	-	-40°C / +75°C	-	-40°C / +75°C	-40°C / +75°C
Power - Low / High	12 VDC (power supply included)	12 VDC / 32 VDC	12 VDC (power supply included)	12 VDC (power supply sold separately)	24 VDC / 48 VDC
Dual Power Inputs		✓			✓
Extender Port	BNC or F Style	BNC or F Style	RJ-11	RJ-11, Terminal Block	RJ-11, Terminal Block
Extender Port Count	1	1	1	1	1
Ethernet Ports	1	1	1	1	1 or 2
PoE Ports					1 or 2
Mounting Options	Desktop or Rack Mount	DIN rail or Panel Mount	Desktop or DIN rail	DIN rail	DIN or Panel Mount
Media Chassis	✓ # EIS-RACK-16		✓ # EIS-RACK-16		
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ETHERNET SWITCHES, ROUTERS & EXTENDERS

Ethernet Switches - Unmanaged

Unmanaged Switches

MODEL #	DESCRIPTION
Entry-Level Industrial Switches, UL, C1/D2	
SE205	(5) port 10/100Mbps Unmanaged Ethernet Switch, -10~60C
SE205-T	(5) port 10/100Mbps Unmanaged Ethernet Switch, -40~75C
SE208	(8) port 10/100Mbps Unmanaged Ethernet Switch, -10~60C
SE208-T	(8) port 10/100Mbps Unmanaged Ethernet Switch, -40~75C
SE205-MMSC	(4) port 10/100M +1 M.M Fiber Unmanaged Ethernet Switch, -10~60C
SE205-SMSC	(4) port 10/100M +1 S.M Fiber Unmanaged Ethernet Switch, -10~60C
SEG205	(5) port GbE Unmanaged Ethernet Switch, -10~60C
SEG205-T	(5) port GbE Unmanaged Ethernet Switch, -40~75C
SEG208	(8) port GbE Unmanaged Ethernet Switch, -10~60C
SEG208-T	(8) port GbE Unmanaged Ethernet Switch, -40~75C
Ultra-slimline industrial switches, UL, C1/D2	
ESW105	(5) 10/100 copper
ESW105-ML	(4) 10/100 copper, (1) multi-mode fiber LC
ESW105-SL	(4) 10/100 copper, (1) single-mode fiber LC
ESW108	(8) 10/100 copper
ESW108-ML	(7) 10/100 copper, (1) multi-mode fiber LC
ESW108-SL	(7) 10/100 copper, (1) single-mode fiber LC
Compact industrial switches - UL, C1/D2	
ESW205	(5) 10/100 copper
ESW205-MT	(4) 10/100 copper, (1) multi-mode fiber ST
ESW205-MC	(4) 10/100 copper, (1) multi-mode fiber SC
ESW205-ST	(4) 10/100 copper, (1) single-mode fiber ST
ESW205-SC	(4) 10/100 copper, (1) single-mode fiber SC
ESW205-T	(5) 10/100 copper, wide temperature, NEMA TS2
ESW205-MT-T	(4) 10/100 copper, (1) multi-mode fiber ST, wide temperature, NEMA TS2
ESW205-MC-T	(4) 10/100 copper, (1) multi-mode fiber SC, wide temperature, NEMA TS2
ESW205-ST-T	(4) 10/100 copper, (1) single-mode fiber ST, wide temperature
ESW205-SC-T	(4) 10/100 copper, (1) single-mode fiber SC, wide temperature, NEMA TS2
ESW208	(8) 10/100 copper
ESW208-2MT	(6) 10/100 copper, (2) multi-mode fiber ST
ESW208-2MC	(6) 10/100 copper, (2) multi-mode fiber SC
ESW208-2ST	(6) 10/100 copper, (2) single-mode fiber ST
ESW208-2SC	(6) 10/100 copper, (2) single-mode fiber SC
ESW208-T	(8) 10/100 copper, wide temperature, NEMA TS2
ESW208-2MT-T	(6) 10/100 copper, (2) multi-mode fiber MT, wide temperature, NEMA TS2
ESW208-2MC-T	(6) 10/100 copper, (2) multi-mode fiber MC, wide temperature
ESW208-2ST-T	(6) 10/100 copper, (2) single-mode fiber ST, wide temperature, NEMA TS2
ESW208-2SC-T	(6) 10/100 copper, (2) single-mode fiber SC, wide temperature, NEMA TS2
ESW208-4MT-T	(4) 10/100 copper, (4) multi-mode fiber MT, wide temperature, NEMA TS2
ESW208-4MC-T	(4) 10/100 copper, (4) multi-mode fiber MC, wide temperature, NEMA TS2
ESW208-4ST-T	(4) 10/100 copper, (4) single-mode fiber ST, wide temperature, NEMA TS2
ESW208-4SC-T	(4) 10/100 copper, (4) single-mode fiber STC wide temperature, NEMA TS2
Gigabit industrial switches	
EIR410-2SFP-T	(8) 10/100 copper, (2) SFP/GB, 12/48VDC, wide temperature, UL
EIR418-2SFP-T	(16) 10/100 copper, (2) SFP/GB, 12/48VDC, wide temperature, UL
Gigabit, rack mount industrial switches	
ESW626	(26) 10/100, 19-inch rack
ESW626-T	(26) 10/100, 19-inch rack, wide temperature
ESW626-2SFP	(24) 10/100, (2) 10/100/1000 SFP, 19-inch rack
ESW626-2SFP-T	(24) 10/100, (2) 10/100/1000 SFP, 19-inch rack, wide temperature

PoE Switches - Unmanaged & Managed

Unmanaged PoE Switches

MODEL #	DESCRIPTION
Power-over-Ethernet industrial switches	
ESWP205-1SFP-T	(4) 10/100 copper, (1) 100 SFP, PoE+, wide temperature, 24/52VDC, UL
EIRP305-T	(5) 10/100 copper, (4) PoE, wide temperature, 48/48VDC, UL
EIRP305-24V-T	(5) 10/100 copper, (4) PoE, wide temperature, 24/48VDC, UL, C1/D2
EIRHP305-T	(5) 10/100 copper, (4) PoE, wide temperature, 48 VDC power, UL, C1/D2
Power-over-Ethernet Gigabit, SFP industrial switches	
ESWGP206-2SFP-T	(4) 10/100/1000 Copper, (2) SFP, PoE+, wide temperature, 24/52VDC, UL
EIRP410-2SFP-T	(8) 10/100 copper PoE, (2) SFP/GB, wide temperature, UL
Managed PoE Switches	
Power-over-Ethernet Gigabit, SFP industrial switches	
ESWGP506-2SFP-T	(4) 10/100 copper PoE+, (2) SFP GB, wide temperature, 24/52VDC, UL
ESWGP510-2SFP-T	(8) 10/100/1000 copper, (2) SFP GB, PoE+, wide temperature, 48VDC, UL
ESWGP512-4SFP-T	(10) 10/100/1000 copper, (2) SFP GB, PoE+, wide temperature, 48VDC, UL
EIRP610-2SFP-T	(8) 10/100 copper PoE, (2) SFP/RJ45 GB, redundant, UL, NEMA TS2
PoE Splitter	
Power-over-Ethernet industrial splitter	
EPSP202	(2) 10/100/1000 PoE in & data out, PoE/isolation, wide temperature, UL

Ethernet Switches - Monitored

Light-Managed/Monitoring Option

MODEL #	DESCRIPTION
Industrial switch 10/100	
SE305	(5) port 10/100Mbps Lite-Managed, -10~60C
SE305-T	(5) port 10/100Mbps Lite-Managed, -40~75C
SE305-MMSC-T	(4) port 10/100M +1 M.M(Multi-mode) Lite-Managed, -40~75C
SE305-MMST-T	(4) port 10/100M +1 M.M(Multi-mode) Lite-Managed, ST, -40~75C
SE305-SMSC-T	(4) port 10/100M +1 S.M(Single-mode) Lite-Managed, -40~75C
SE305-SMST-T	(4) port 10/100M +1 S.M(Single-mode) Lite-Managed, ST, -40~75C
SE306-2MMSC-T	(4) port 10/100M +2 M.M(Multi-mode) Lite-Managed, -40~75C
SE306-2MMST-T	(4) port 10/100M +2 M.M(Multi-mode) Lite-Managed, ST Connector -40~75C
SE306-2SMSC-T	(4) port 10/100M +2 S.M(Single-mode) Lite-Managed, -40~75C
SE306-2SMST-T	(4) port 10/100M +2 S.M(Single-mode) Lite-Managed, ST, -40~75C
SE308	(8) port 10/100Mbps Lite-Managed, -10~60C
SE308-T	(8) port 10/100Mbps Lite-Managed, -40~75C
SEC310-2SFP-T	(8) port 10/100Mbps +2-port GbE Combo (SFP or Copper) Lite-Managed, -40~75C
SE316	(16) port 10/100Mbps Lite-Managed, -10~60C
SE316-T	(16) port 10/100Mbps Lite-Managed, -40~75C
SEC318-2SFP-T	(16) port 10/100Mbps + 2-port GbE Combo (SFP or Copper) Lite-Managed, -40~75C
SEG305	(5) port GbE Lite-Managed, -10~60C
SEG305-T	(5) port GbE Lite-Managed, -40~75C
SEG308	(8) port GbE Lite-Managed, -10~60C
SEG308-T	(8) port GbE Lite-Managed, -40~75C
SEG310-2SFP-T	(10) port GbE + 2 GbE SFP Lite-Managed, -40~75C
SEG316	(16) port GbE Full Gigabit Lite-Managed, -10~60C
SEG316-T	(16) port GbE Full Gigabit Lite-Managed, -40~75C
SEG318-2SFP-T	(16) port GbE + 2 GbE SFP Lite-Managed, -40~75C
SECP306-T	(2) port 10/100Mbps (PoE/PoE+) + 2-port GbE Lite-Managed, -40~75C
SEGP310-T	(8) port GbE (PoE/PoE+) + 2-port GbE Lite-Managed, -40~75C

Ethernet Switches - Managed

Managed Switches

MODEL #	DESCRIPTION
Industrial switch 10/100	
EIR508-T	(8) 10/100 BaseTX, wide temperature
Industrial switches - SFP, GB, built-in fiber options	
ESW508	(8) 10/100, 1000 SFP, redundant, 12/48VDC dual power inputs, wide temperature
ESW516	(16) 10/100, 1000 SFP, redundant, 12/48VDC dual power inputs, wide temperature
ESW508-T	(8) 10/100, 1000 SFP, redundant, 12/48VDC dual power inputs, wide temp, NEMA TS2
ESW516-T	(16) 10/100, 1000 SFP, redundant, 12/48VDC dual power inputs, wide temperature
Gigabit industrial switches	
EIR608-2SFP	(6) 10/100/1000 copper, (2) 10/100/1000 RJ45 or 100/1000 SFP, redundant, 12/48VDC dual power inputs, wide temperature
EIR608-4SFP	(4) 10/100/1000 copper, (4) 10/100/1000 RJ45 or 100/1000 SFP, redundant, 12/48VDC dual power inputs
EIR610-3SFP-T	(7) 10/100 copper, (3) 10/100/1000 RJ45 or 100/1000 SFP, redundant, 12/48VDC dual power inputs, wide temperature
EIR618-2SFP-T	(16) 10/100 copper, (2) 10/100/1000 RJ45 or 100/1000 SFP, redundant, 12/48VDC dual power inputs, wide temperature
Gigabit, rack mount industrial switches	
ESW726	(26) 10/100, 19-inch rack
ESW726-T	(26) 10/100, 19-inch rack, wide temperature
ESW726-2SFP	(24) 10/100, (2) 10/100/1000 SFP, 19-inch rack
ESW726-2SFP-T	(24) 10/100, (2) 10/100/1000 SFP, 19-inch rack, wide temperature

Ethernet Routers - Managed

Industrial LAN Wired Routers

MODEL #	DESCRIPTION
ERT300 series (North America)	
ERT310	(2)10/100 Ethernet, WAN, USB, Digital I/O, DIN Mount
ERT311	(3)10/100 Ethernet, (1) RS-232, WAN, USB, Digital I/O, DIN Mount
ERT312	(2)10/100 Ethernet, (1) RS-232, WAN, USB, Digital I/O, DIN Mount
ERT314	(2)10/100 Ethernet, (1) RS-485, WAN, USB, Digital I/O, DIN Mount
XR5i-V2F series (EMEA, SA, LA)	
- Plastic or metal ("SL") case options; expansion port options	
XR5i v2F set	Base Router, plastic case: (1) 10/100 Ethernet, (1) USB Host
XR5i v2F set SL	Base Router, metal case: (1) 10/100 Ethernet, (1) USB Host, (1) Binary I/O
XR5i v2F ETH set	Router + Ethernet expansion port, PORT1
XR5i v2F RS232 set	Router + RS232 expansion port, PORT1 & PORT2
XR5i v2F RS485 set	Router + RS485 expansion port, PORT1 & PORT2
XR5i v2F MBUS set	Router + MBUS expansion port, PORT1 & PORT2
XR5i v2F CNT set	Router + CNT expansion port, PORT1
XR5i v2F WIFI set	Router + WIFI expansion port, PORT2
XR5i v2F WMBUS set	Router + WMBUS expansion port, PORT2
XR5i v2F SDH set	Router + SDH expansion port, PORT2
XR5i-V2E series (EMEA, SA, LA)	
- Plastic or metal case options.	
XR5i v2E	Base Router, plastic case: (2) 10/100 Ethernet

Ethernet Extenders - Unmanaged & Managed

Coaxial Extenders

MODEL #	DESCRIPTION
Commercial grade - UL	
EIS-EXTEND-C	(1) 10/100 Ethernet RJ45, (1) BNC/F coaxial, 8530ft(2600m), standalone or chassis, local/remote DIP switch (2 units needed), USA power supply included
EIS-EXTEND-C-UK	(1) 10/100 Ethernet RJ45, (1) BNC/F coaxial, 8530ft(2600m), standalone or chassis, local/remote DIP switch (2 units needed), UK power supply included
EIS-EXTEND-C-EU	(1) 10/100 Ethernet RJ45, (1) BNC/F coaxial, 8530ft(2600m), standalone or chassis, local/remote DIP switch (2 units needed), EU power supply included
Industrial hardened - UL	
EIR-EXTEND-C	(1) 10/100 Ethernet RJ45, (1) BNC/F coaxial, wide temperature, redundant power, 8530ft(2600m), standalone, local/remote DIP switch (2 units needed)

Copper Extenders

MODEL #	DESCRIPTION
Commercial grade	
EIS2-EXTEND	(1) 10/100 Base-TX RJ45, (1) RJ11, stand-alone/chassis
Industrial hardened	
EIR2-EXTEND	(1) 10/100 Base-TX RJ45, (1) RJ11, VDSL2d, DIN rail
Industrial Power-over-Ethernet	
EIRP2-EXTEND	(1) 10/100 Ethernet RJ45, (1) RJ11, TB, 24/48 VDC, DIN rail, NEMA TS2, UL



B-B SMARTWORX

PWR1 - PWR2 - FAULT



10/100TX

FDXCOL LNK/ACT
LFP 10/100
FDXCOL LNK/ACT



TX
100FX
RX



ELINX

B-B SMARTWORX

ELINX
ETHERNET TRANS CONVERTER

10/100



TX

100BASE-FX



TX

LNK/ACT PWR
100

SM1310



ETHERNET MEDIA CONVERTERS

EXTEND YOUR INDUSTRIAL NETWORK TO THE EDGE

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PRODUCT FAMILY OVERVIEW

EXTEND YOUR INDUSTRIAL NETWORK TO THE EDGE

Media converters provide an important role in the connectivity of network equipment in local and wide area networks (LAN, WAN). Network devices may have serial, copper or fiber interfaces. Media Converters can provide the necessary connections, and Advantech B+B SmartWorx offers an extensive product line. Media Converters support a number of protocols, including Ethernet, RS-232/422/485, Modbus, and Telco.

- ISPs
- Security
- Telcos
- Military Installations
- Traffic Control
- SCADA



ETHERNET MEDIA CONVERTERS

Unmanaged Media Converters

- Copper to fiber Ethernet media converters
- Offers diagnostic features such as LFP, Link Loss
- Unmanaged plug-n-play devices
- Supports 10, 100, 10/100, 10/100/1000 and 1000 Mbps
- Small form factor or 1U high standalone design
- NEMA TS1/TS2 options

Managed Media Converters

- Single or Dual-wide modules
- SNMP manageable
- Copper to fiber converters, including support for SFPs
- Install in single or multiport chassis
- Provides configuration control

Fiber Mode Converters

- Provides conversion of one fiber type to another
- Modules supporting up to 155Mbps, Gigabit or 10G
- Modular or compact form factor
- No configuration necessary
- SFP support on some models

Optical Access FTTx (Demarcation)

- SNMP manageable
- SFP option on many models (Fiber, Copper)
- RS-232 CLI Command Line Interface) console
- Allows management traffic segregation from data traffic
- Multiport copper to fiber models

Telco (TDM)

- Must be installed in pairs
- May support T1 or DS3 Protocols
- Available in single or multi-port modules
- SFP capability on some models

CHASSIS PRODUCTS

Managed Chassis

- SNMP manageable
- Power options: AC, DC or ACDC
- Offered in 3, 6, or 20 Slot
- Optional SNMP management module
- Single and Dual power supply modules

Unmanaged Chassis

- 1 or 2U high standalone chassis
- Standard and wide temperature
- Supports all iMcV-Modules
- Power options: AC or DC

Small Form Pluggable (SFP) Modules

- MSA-compliant
- Available in SM and MM fiber types
- SSF capability
- ED (Extended Diagnostics) feature

Ethernet Media Converters - EIS series

- UL/CUL 60950, EN60950, IEC 60950, IEC6100-6-2
- 10/100Base models
- Multi- or single-mode, SC or ST
- Auto negotiation of data rate and duplex modes
- MDI/MDI-X (auto-cross feature)
- Desktop, wall or rack mount options

Hardened Ethernet Media Converters - EIR series

- Class 1/Division 2 listed
- NEMA TS1/TS2 rated for traffic control equipment
- IEC61000-6-2 EMC, IEC60068 (shock, vibration, free fall)
- Multi- or single-mode, SC or ST
- Wide operating temperature range
- Alarm for power or port link failure - via relay output
- Redundant 10 to 48 VDC inputs - via terminal blocks
- DIN, panel or rack mount

Gigabit SFP Ethernet Media Converter - Model EIS-G-SFP

- IEEE802.3ab 1000Base-T, 1000Base-SX/LX, 802.3x
- DIP switch setup for link-fault-pass-through, fiber auto/force mode
- 1000 Mbps full-duplex, auto-negotiation, auto-MDI/MDIX
- Full wire-speed forwarding rate
- SFP socket for Gigabit fiber optic expansion

Hardened Gigabit SFP Ethernet Media Converter - Model EIR-G-SFP-T

- NEMA TS1/TS2 rated for traffic control equipment
- IEC61000-6-2 EMC, IEC 60068 (shock, vibration, free fall)
- DIP switch setup for link-fault-pass-through, fiber auto/force mode
- 1000 Mbps full-duplex, auto-negotiation, auto-MDI/MDIX
- Full wire-speed forwarding rate
- Redundant power inputs
- Wide operating temperature range
- SFP socket for Gigabit fiber optic expansion

IE = "Industrial Ethernet"

Industrial Ethernet, "IE", has been an identifier for Ethernet equipment that is not necessarily installed in typical LANS, WANs with controlled environments.

While IE has been a description for anything that may include the words "harsh, rugged and extreme", the reality is that most IE Ethernet products - in particular media converters and low-port switches - meet an extended temperature range.

In addition, one has to count on the DC power source to fully support IE. To be clear, all IE products are designed and built with IE components and tested to the extended temperature range they are marketed as. The value of the IE product is that they are often installed in outdoor enclosures with proper ventilation and moisture resistance to ensure a reliable network extension to applications such as airport towers, street lamps, automation and other environments.

Class 1/Division 2 Certified For Hazardous Locations

Ethernet Media Converters

- # EIR-M-ST
- # EIR-M-SC
- # EIR-S-SC

For applications requiring Class 1/Division 2 certification, Advantech B+B SmartWorx has a range of connectivity and communication solutions designed to operate in hazardous environments.

- see p60 for a complete listing of C1D2 products.



PRODUCTS AT-A-GLANCE QUICK SEARCH MATRIX

* Protocol Independent ranges from 10 Mbps to 1.25 Gbps.
 ** Rate conversion option available.
 # Select models.

		IE	Protocol						
		Industrial Ethernet	10 Mbps Ethernet	100 Mbps Ethernet	1000 Mbps Ethernet	2.4 Gbps Ethernet	10 Gbps	Protocol Independent*	T1/E1/J1
Unmanaged Media Converters	MiniMc, MiniMc SFP **, MiniMc LFPT New!		•	•					
	Giga-MiniMc series (-SFP, -LFPT), MiniMc-Gigabit series		•	•	•				
	IE-MiniMc, IE-Giga-MiniMc**, IE-Giga-MiniMc LFPT	•	•	•	•				
	IE-MiniMc LFPT, IE-MiniMc/Telco	•	•	•					
	PoE Giga-MiniMc LFPT, PoE+ Giga-MiniMc LFPT		•	•	•				
	Giga-McBasic-II New!		•	•	•				
	PoE McBasic LFPT		•	•					
	PoE & PoE+ Giga-McBasic LFPT		•	•	•				
	McBasic TX/FX, McBasic Gigabit LFPT		•						
	AccessConverter/3**		•	•					
	MediaConverter series: -McPIM, -McLIM, -McGigabit		•	•	•				
	McPC- series: -TX/FX, -MediaLinX, -Gigabit -Giga-MediaLinX		•	•	•	•***			
	EIS series, EIR series	•#	•	•					
EIS-G-SFP series, EIR-G-SFP-T series	•#	•	•	•					
Managed Media Converters	IE-iMcV-2xLIM	•		•					
	iMcV-PIM, iMcV-LIM		•	•					
	iMcV-Gigabit, IE-iMcV-Gigabit	•			•				
	iMcV-MediaLinX**, IE-iMcV-MediaLinX, iMcV-Giga-MediaLinX**	•	•	•					
Fiber Mode Converters	iMcV- series: -S2MM, -S2SM, -M2MM							•	
	IE-ModeConverter SFP	•						•	
	IE-iMcV-ModeConverter SFP	•						•	
	IE-iMcV-MuxDemux/4 (WDM)	•						•	
	iMcV-10G Converter XFP						•		
	iMcV-10G Converter SFP+						•		
Optical Access FTTx	IE-MultiWay	•	•	•	•				
	IE-iMcV-MultiWay	•	•	•	•				
	AccessEtherLinX/4**		•	•					
	Giga-AccessEtherLinX-II AC, Giga-AccessEtherLinX-II DC		•	•	•				
	iMcV-FiberLinX-II**		•	•					
	iMcV-Giga-FiberLinX-III		•	•	•				
IE-MiniFiberLinX-II**, IE-MiniFiberLinX-II/Telco, IE-MiniFiberLinX-II/Telco-LastGasp	•		•						
TELCO	IE-iMcV-T1/E1/J1 LineTerm	•							•
	IE-iMcV-E1-Mux/4 + Ethernet	•							•
	IE-iMcV-T1-Mux/4 + Ethernet	•							•
	IE-iMcV-VDSL2 LANextender	•	•	•					
	I-McV-DS3/E3/STS LineTerm								
Other	Chassis & Accessories								
	Small Form Pluggable Modules: IE-SFP, SFP+, XFP	•		•	•	•			

		Ports							Form Factor		SNMP		Overview	Models/SKUs
DS3/E3/STS-1	WDM	Fiber	Copper (RJ-45)	PoE/PoE+ (RJ-45)	SFP	SFP+	XFP	Coaxial (BNC)	Standalone	Modular	Managed (any IMcV modules)	Unmanaged (media converter chassis or standalone products)		
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PRODUCT FAMILY COMPARISON

UNMANAGED MEDIA CONVERTERS

- Wide Temperature
- 10/100 or Gigabit
- Link Fault Pass Through
- PoE or PoE+



PRODUCT SERIES	MiniMc, MiniMc SFP	<i>New!</i> MiniMc LFPT	Giga-MiniMc, Giga-MiniMc SFP	Giga-MiniMc LFPT	MiniMc-Gigabit
Speed	10/100	10/100	10/100/1000	10/100/1000	1000
Wide Temperature					
Power supply (External or Internal)	External	External	External	External	External
Frame size	1916	1916	10240	10240	10K
PoE / PoE+					
Fiber Type (SFP, 1x9)	1x9, SFP	1x9, SFP	1x9, SFP	1x9, SFP	1x9
Number of Fiber Ports	1	1	1	1	1
Number of Ethernet Ports	1	1	1	1	1
Power: AC and or DC	AC	AC	AC	AC	AC
LFPT	✓ (select models)	✓		✓	
FCC Class B	✓	✓	✓	✓	✓
UL	✓	✓	✓	✓	✓
Mounting Options	DIN, Bracket, Tray	DIN, Bracket, Tray	DIN, Bracket, Tray	DIN, Bracket, Tray	DIN, Bracket, Tray
Media Chassis					
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IE-MiniMc*	IE-Giga-MiniMc*	IE-Giga-MiniMc LFPT	IE-MiniMc LFPT* IE-MiniMc/TELCO-LastGasp	PoE Giga-MiniMc LFPT, PoE+ Giga-MiniMc LFPT	New! Giga-McBasic-II
10/100	10/100/1000	10/100/1000	10/100	10/100/1000	10/100/1000
✓	✓	✓	✓		✓
External	External	External	External	External	Internal
1916	10240	10240	1916	10240	
				✓	
1x9	1x9	1x9, SFP	1x9	1x9, SFP	1x9, SFP
1	1	1	1	1	1
1	1	1	1	2	2
AC, DC TB	AC, DC TB	AC, DC TB	AC, DC TB	AC, DC TB	AC
		✓	✓		✓
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓
DIN, Bracket, Tray	DIN, Bracket, Tray	DIN, Bracket, Tray	DIN, Bracket, Tray	DIN, Bracket	DIN, Bracket

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*NEMA TS2 options

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*NEMA TS2 options

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*LFPT options: DIP switch or permanently enabled.

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IN THE FIELD Long Distance Connections in Airport Concourse

Industry: Transaction Management –
Retail & Banking
Product: IE-MiniMc Fiber/Copper Media Converter

www.bb-elec.com/Airport



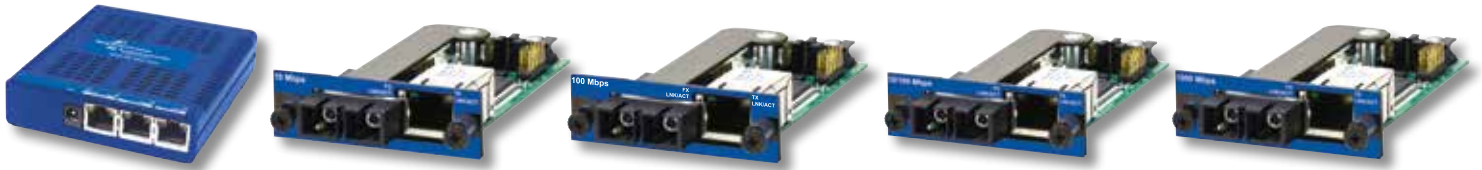
PRODUCT FAMILY COMPARISON

UNMANAGED MEDIA CONVERTERS

- Compact or 1U High Form Factor
- 10 Mbps to Gigabit models
- Link Fault Pass Through
- PoE or PoE+



PRODUCT SERIES	PoE-McBasic LFPT	PoE Giga-McBasic LFPT PoE+ Giga-McBasic LFPT	McBasic TX/FX	McBasic Gigabit LFPT
Speed	10/100	10/100/1000	100	1000
Wide Temperature				
Power supply (External or Internal)	Internal	Internal	Internal	Internal
Frame size	10240	10240	10K	10K
PoE / PoE+	✓	✓		
Fiber Type (SFP, 1x9)	1x9	1x9, SFP	1x9	1x9
Number of Fiber Ports	1	1	1	1
Number of Ethernet Ports	2	2	1	1
Power: AC and or DC	AC	AC	AC	AC
LFPT		✓		✓
FCC Class B	✓	✓	Class A	Class A
UL	✓	✓	✓	✓
Mounting Options	Standalone, Shelf	Standalone, Shelf	Standalone, Shelf	Standalone, Shelf
Media Chassis				
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AccessConverter/3	McPIM TP/FO	McLIM TX/FX	McLIM TP/TX/FX	McGigabit
10/100	10	100	10/100	1000
External	Chassis-Based	Chassis-Based	Chassis-Based	Chassis-Based
1916	10K	10K	1916	10K
1x9	1x9	1x9	1x9	1x9
1	1	1	1	1
3	1	1	1	1
AC, DC TB	Chassis-Based	Chassis-Based	Chassis-Based	Chassis-Based
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
DIN, Bracket	N/A	N/A	N/A	N/A

MediaConverter Chassis series

MediaConverter Chassis series

MediaConverter Chassis series

MediaConverter Chassis series

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“MC” Modules

Small and compact, the Mc Modules are designed to be installed into the popular unmanaged Media Converter Chassis.

The Modules are available in 10Mbps, 10/100Mbps and Gigabit. Providing copper to fiber conversion in a variety of fiber types, all offer diagnostic features to enable the end user to quickly resolve network connectivity. LED indicators display link conditions for the copper and fiber ports. These highly reliable media converters offer the flexibility of upgrading a network from one speed to another as technology demands change.

PRODUCT FAMILY COMPARISON

UNMANAGED MEDIA CONVERTERS

- Diagnostic LEDs
- 10/100 Mbps to Gigabit
- Standard Temperature (0 to 50° C)
- Wide Temperature Options
- Variable Fiber Types



PRODUCT SERIES	McPC TX/FX PC Installed	McPC Gigabit PC Installed	McPC MediaLinX PC Installed	McPC Giga-MediaLinX PC Installed
Speed	100	1000	10/100	10/100/1000
Wide Temperature				
Power supply (external or internal)	N/A	N/A	N/A	N/A
Frame size	10K	10K	1916	
SFP or 1X9	1x9	1x9	1x9	1x9
Number of Fiber Ports	1	1	1	1
Number of Ethernet Ports	1	1	1	1
Power: AC and or DC	SATA Cable	SATA Cable	SATA Cable	SATA Cable
LFPT				
FCC Class B	✓	✓	✓	✓
UL	✓	✓	✓	✓
PCI / Low-profile PCI	✓✓	✓✓	✓✓	✓✓
Mounting Options				
Media Chassis				
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IN THE FIELD

High Bandwidth for National Archives

Industry: Enterprise IT
 Product: McPC Multi-mode Fiber Media Converters

www.bb-elec.com/Archives



EIS series	EIR series	Model EIS-G-SFP	Model EIR-G-SFP-T
10/100	10/100	10/100/1000	10/100/1000
	✓		✓
External (rack/chassis, redundant PS option)	External	External (rack/chassis, redundant PS option)	External
1x9	1x9	SFP	SFP
1	1	1	1
1	1	1	1
DC TB (rack/chassis option)	DC TB)	DC TB (rack/chassis option)	DC TB
	✓		✓
Class A	Class A	Class A	Class A
✓	C1/D2, NEMA TS1 & TS2 (select models)		NEMA TS1 & TS2
Desk, Wall, Rack/chassis	DIN, Panel	Desk, Wall, Rack/chassis	DIN, Panel

19" Rack System (#EIS-RACK-16)

19" Rack System (#EIS-RACK-16)

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Model EIS-G-SFP & EIS series - with rack chassis installation option

Unmanaged copper to fiber compact media converters increase Ethernet distance and protect against electrical interference.

Desk or wall mount as stand-alone products or install into available 19-inch rack chassis system. The chassis system supports hot-swap installation of media converters, Ethernet extenders, and redundant power supplies to power up to 16 media converters and extenders.



Media Converter 19" 2U Rack Chassis, 6 Slots
Model# EIS-RACK-16

PRODUCT FAMILY COMPARISON MANAGED MEDIA CONVERTERS

- Wide Temperature
- 10 Mbps to Gigabit
- Link Fault Pass Through
- SNMP Manageable



PRODUCT SERIES	IE-iMcV-2xLIM	iMcV-PIM	iMcV-LIM	iMcV-Gigabit, IE-iMcV-Gigabit
Speed	100	10	100	1000
Wide Temperature	✓			✓
Modular	✓	✓	✓	✓
Frame size	10K	10K	10K	10K
SNMP Manageable	✓	✓	✓	✓
Configuration Control	✓		✓	✓
SFP or 1X9	SFP	1x9	1x9	1x9, SFP
Number of Fiber Ports	2	1	1	1
Number of Ethernet Ports	2	1	1	1
Power: AC and or DC	Chassis Based	Chassis Based	Chassis Based	Chassis Based
LFPT	✓		✓	✓
FCC Class B	✓	✓	✓	✓
UL	✓	✓	✓	✓
Media Chassis	MediaChassis series, iMediaChassis series	MediaChassis series, iMediaChassis series	MediaChassis series, iMediaChassis series	MediaChassis series, iMediaChassis series
Page (models)	46	46	46	46



FREE SNMP Management Software

- webserver and desktop versions available
- download via the website
- supports MIBs II
- CLI, Telnet and other features



New!
SFP version

iMcV-MediaLinX	IE-iMcV-MediaLinX	iMcV-Giga-MediaLinX <i>New!</i>
10/100	10/100	10/100/1000
✓	✓	
✓	✓	✓
1532	1532	1632
✓	✓	✓
✓	✓	✓
1x9, SFP	1x9, SFP	1x9, SFP
1	1	1
1	1	1
Chassis Based	Chassis Based	Chassis Based
	✓	✓
✓	✓	✓
✓	✓	✓
MediaChassis series, iMediaChassis series	MediaChassis series, iMediaChassis series	MediaChassis series, iMediaChassis series
47	46	47

MediaChassis series

- "iMcV-" Modules

MediaChassis series form factor options:

- Managed (iMediaChassis)
- Unmanaged (MediaChassis/1,-2)
- Unmanaged, extended temperature (IE), IE-MediaChassis/1-2

Any of the iMcV Modules can be installed into these chassis - depending on the port count for a given installation.

iMediaChassis is available in dual AC, dual DC version in 3, 6 and 20 slots. An optional SNMP Management Module is required for management.

MediaChassis/1 and Media Chassis/2 are great solutions for installation at the CPE reducing the cost of installation. (AC, DC)

IE-MediaChassis accepts any IE iMcV Module and fulfills extended temperature requirements for outside enclosure applications. (AC, DC)