

TRENDNET[®]

Comparison Charts for

RUGGED INDUSTRIAL SOLUTIONS

Managed and unmanaged
hardened networking solutions
for extreme environments



TI-F1 1 SFP

- ❑ Hardened IP30 rated 100/1000 Base-T Ethernet to SFP converter
- ❑ SFP port accommodates Multi or Single Mode fiber
- ❑ Up to 80 km fiber networking distances with the TEG-MGBS80 SFP module
- ❑ Includes DIN-rail and wall mounts
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Dual redundant power inputs with overload current protection
- ❑ Powers supply sold separately (model TI-M6024)



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Product Comparison

	TRENDnet	Moxa	Advantech	Planet	CTC Union
	TI-F11SFP	IMC-21GA	EKI-2741FI	IGT-905A	IMC-1000S
IP Rating	IP30	IP30	IP30	IP30	IP30
Operating Temp	-40° - 75° C	-40° - 75° C	40° - 75° C	-40° - 75° C	10° - 60° C
Copper Port	100/1000 Base-T	10/100/1000 Base-T	10/100/1000 Base-T	10/100/1000 Base-T	10/100/1000 Base-T
Fiber Port	SFP	SFP	SFP	SFP	SFP
Din Rail Power	Yes	Yes	Yes	Yes	Yes



TI-G50

- ❑ 5 x Gigabit Ethernet ports
- ❑ 10 Gbps switching capacity
- ❑ Hardened IP30 rated metal switch
- ❑ Includes DIN-rail and wall mounts
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Dual redundant power inputs with overload current protection
- ❑ Power supply sold separately (model TI-M6024)
- ❑ Limited Lifetime Warranty



TRENDNET

Product Comparison

	TRENDnet	Moxa	Hirschmann / Belden	Advantech	Planet
	TI-G50	EDS-G205	SPIDER II Giga 5T EEC Pro	EKI-2725I	IGS-501T
IP Rating	IP30	IP30	IP30	IP30	IP30
Operating Temp	-40°-75° C	-40°-75° C	-40°-70° C	-40°-75° C	-40°-75° C
Gigabit Ports	5x	5x	5x	5x	5x
Din Rail Power	Yes	Yes	Yes	Yes	Yes



TI-G62

- ❑ 5 x Gigabit Ethernet ports
- ❑ 1 x shared SFP slot and 1 x dedicated SFP slot
- ❑ 12 Gbps switching capacity
- ❑ Hardened IP30 rated metal switch
- ❑ Includes DIN-rail and wall mounts
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Dual redundant power inputs with overload current protection
- ❑ Alarm output triggered by power failure
- ❑ Power supply sold separately (model TI-M6024)
- ❑ Limited Lifetime Warranty



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Product Comparison

	TRENDnet	Moxa	Hirschmann / Belden	Advantech
	TI-G62	EDS-G205-1GTXSFP-T	SPIDER II Giga 5T/2S EEC	EKI-2725FI
IP Rating	IP30	IP30	IP30	IP30
Operating Temp	-40° - 75° C	-40° - 70° C	-40° - 70° C	-40° - 75° C
Gigabit Ports	5x	4x	5x	4x
Fiber Port	(1x) Dedicated SFP (1x) Shared SFP	(1x) Dedicated SFP	(2x) Dedicacion SFP	(1x) Dedicated SFP
Din Rail Power	Yes	Yes	Yes	Yes



TI-G80

- ❑ 8 x Gigabit Ethernet ports
- ❑ 16 Gbps switching capacity
- ❑ Hardened IP30 rated metal switch
- ❑ Includes DIN-rail and wall mounts
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Dual redundant power inputs with overload current protection
- ❑ Alarm output triggered by power failure
- ❑ Power supply sold separately (model TI-M6024)
- ❑ Limited Lifetime Warranty



TRENDNET

Product Comparison

	TRENDnet	Moxa	Hirschmann / Belden	Advantech
	TI-G80	EDS-G308-T	N/A	EKI-2728I
IP Rating	IP30	IP30	N/A	IP30
Operating Temp	-40° - 75° C	-40° - 75° C	N/A	-40° - 75° C
Gigabit Ports	8x	8x	N/A	8x
Din Rail Power	Yes	Yes	N/A	Yes



TI-PG80

- ❑ 8 x Gigabit PoE+ Ethernet ports
- ❑ Up to a 200 Watt full PoE+ power budget
- ❑ 16 Gbps switching capacity
- ❑ Hardened IP30 rated metal switch
- ❑ Includes DIN-rail and wall mounts
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Dual redundant power inputs with overload current protection
- ❑ Alarm output triggered by power failure
- ❑ Powers supply sold separately (Model TI-S24048)
- ❑ Limited Lifetime Warranty



TRENDNET

Product Comparison

	TRENDnet	Moxa	Hirschmann	Advantech
	TI-PG80	EDS-P308	Spider II 8TX PoE	EKI-7710G-2CPI
IP Rating	IP30	IP30	IP30	IP30
Operating Temp	-40° - 75° C	0° - 60° C	-10° - 60° C	-40° - 75° C
PoE Ports	8x	4x	4x	8x
PoE Power Budget	200 Watts	61.6W	N/A	120W
Din Rail Power	Yes	Yes	Yes	Yes



TI-IG30

- ❑ Hardened IP30 rated Gigabit PoE+ Injector
- ❑ High power PoE+
- ❑ Network a PoE device located up to 100 meters (328 ft.) away
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Dual redundant power inputs with overload current protection
- ❑ Includes DIN-rail and wall mounts
- ❑ Power supply sold separately (model TI-S12048)



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Product Comparison

	TRENDnet	MOXA	Hirschmann	Advantech
	TI-IG30	INJ-24	SPIDER PoE Injector	EKI-2701HPI
IP Rating	IP30	IP30	IP30	IP30
Operating Temp	-40° - 75° C	-40° - 85° C	-40° - 70° C	-40° - 75° C
Gigabit Ports	1x Gigabit 1x Gigabit PoE+	1x Gigabit 1x Gigabit PoE+	1x Gigabit 1x Gigabit PoE+	1x Gigabit 1x Gigabit PoE+
PoE budget	30 Watts	30 Watts	30 Watts	30 Watts
Din Rail Power	Yes	Yes	Yes	Yes



TI-IG60

- ❑ Hardened IP30 rated Gigabit PoE+ Injector
- ❑ Supplies PoE (15 W), PoE + (30 W), high power PoE+ (36 W), or 60 Watt PoE power
- ❑ Network a PoE device located up to 100 meters (328 ft.) away
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Dual redundant power inputs with overload current protection
- ❑ Includes DIN-rail and wall mounts
- ❑ Power supply sold separately (model TI-S12048)



TRENDNET

Product Comparison

	TRENDnet	MOXA	Advantech
	TI-IG60	INJ-24A	EKI-2711HPI
IP Rating	IP30	IP30	IP30
Operating Temp	-40° - 75° C	-40° - 85° C	-40° - 75° C
Gigabit Ports	1x Gigabit 1x Gigabit PoE+	1x Gigabit 1x Gigabit PoE+	1x Gigabit 1x Gigabit PoE+
PoE budget	60 Watts	60 Watts	60 Watts
Din Rail Power	Yes	Yes	Yes



TI-F10SC

- ❑ Hardened IP40 rated compact housing
- ❑ 100Base-FX Multi-Mode fiber over distances of up to 2 km (1.2 mi.)
- ❑ SC-type fiber port
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Overload current protection
- ❑ Includes DIN-rail and wall mounts
- ❑ Power supply sold separately (model TI-M6024)



TRENDNET

Product Comparison

	TRENDnet	MOXA	Hirschmann	Advantech
	TI-F10SC	IMC-101	N/A	EKI-2541MI
IP Rating	IP40	IP30	N/A	IP30
Operating Temp	-40° - 75° C	-40° - 85° C	N/A	-40° - 75° C
Gigabit Ports	1x	1x	N/A	1x
Fiber Connection	SC	SC	N/A	SC
Distance	2 km	4 km	N/A	2 km
Din Rail Power	Yes	Yes	N/A	Yes



TI-F10S30

- ❑ Hardened IP40 rated compact housing
- ❑ 100Base-FX Single-Mode fiber over distances of up to 30 km (18.6 mi.)
- ❑ SC-type fiber port
- ❑ Extreme -40 to 75 °C (-40 to 167 °F) operating temperature range
- ❑ Overload current protection
- ❑ Includes DIN-rail and wall mounts
- ❑ Power supply sold separately (model TI-M6024)



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Product Comparison

	TRENDnet	MOXA	Hirschmann	Advantech
	TI-F10S30	IMC-101	N/A	EKI-2541SI
IP Rating	IP40	IP30	N/A	N/A
Operating Temp	-40° - 75° C	-40° - 85° C	N/A	-40° - 75° C
Gigabit Ports	1x	1x	N/A	1x
Fiber Connection	SC	SC	N/A	SC
Distance	30 km	40 km	N/A	30 km
Din Rail Power	Yes	Yes	N/A	Yes



TI-M6024




- ❑ IP30 rated industrial power supply with integrated DIN-rail mount
- ❑ Provides up to 60 Watts of power (24 V, 2.5 A)
- ❑ Universal AC input
- ❑ Short circuit/overload/over voltage protection
- ❑ UL 508 approved
- ❑ 100% full load burn-in test
- ❑ Extreme -20 to 70 °C (-4 to 158 °F) operating temperature range



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Product Comparison



			
Manufacturer	TRENDnet	Advantech	Moxa
Model	TI-M6024	PSD-A60W24	MDR-60-24
Description	60 W Single Output Industrial DIN-Rail Power Supply	DIN Rail AC to DC 100-240V 60W 24V	DC Power Supply, 24 VDC, 2.5 Amp
Wattage	60W	60W	60W
Temperature	-20 to 70 °C	-25 to 70 °C	-20 to 70 °C
Warranty	1 Year Limited	3 Year	1 Year

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TI-S1 2048

- ❑ IP30 rated industrial power supply with integrated DIN-rail mount
- ❑ Provides up to 120 Watts of power (48 V, 2.5 A)
- ❑ Built-in active PFC (PF > 0.93)
- ❑ Short circuit/overload/over voltage/over temperature protection
- ❑ High efficiency (91%) design
- ❑ UL 508 approved
- ❑ 100 % full load burn-in test
- ❑ Extreme -25 to 70 °C (-13 to 158 °F) operating temperature range



TRENDNET

Product Comparison

				
Manufacturer	TRENDnet	Advantech	Hirschmann	MOXA
Model	TI-S12048	PSD-A120W48	RPS 120	DR-120-48
Description	120W, 48V Industrial DIN-Rail Power Supply	DIN Rail AC to DC 100- 240V 120W 48V	POWER SUPPLY 24VDC (120W) DIN RAIL ALUM CASE	120W/2.5A DIN- Rail 48 VDC power supply
Wattage	120W	120W	120W	120W
Temperature	-25 to 70 °C	-20 to 70 °C	-25 to 70 °C	-10 to 60°C
Warranty	1 Year Limited	3 Year	3 Year	3 Year

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TI-S24048



- ❑ IP30 rated industrial power supply with integrated DIN-rail mount
- ❑ Provides up to 240 Watts of power (48 V, 5 A)
- ❑ Built-in active PFC (PF > 0.93)
- ❑ Short circuit/overload/over voltage/over temperature protection
- ❑ High efficiency (94%) design
- ❑ UL 508 approved
- ❑ 100 % full load burn-in test
- ❑ Extreme -25 to 70 °C (-13 to 158 °F) operating temperature range



TRENDNET

Product Comparison



			
Manufacturer	TRENDnet	Advantech	MOXA
Model	TI-S24048	N/A	DRP-240-48
Description	240 W Single Output Industrial DIN-Rail Power Supply	N/A	240W/2.5A DIN-Rail 48 VDC power supply
Wattage	240w	N/A	240w
Temperature	-25 to 70 °C (-13 to 158 °F)	N/A	-10 to 60°C (14 to 140°F)
Warranty	1 Year Limited	N/A	3 Year Limited

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