

# IP Transmission Products



Media Converters—Industrial	Product Series	Compact MM	Compact SM	Chassis Card MM	Chassis Card SM
10/100 media converter—single fiber	FTL	FTL1-M1A-MSA*	FTL1-S1A-MSA*	FTL1-M1A-BS*	FTL1-S1A-BS*
10/100 media converter—dual fiber	FTL	FTL1-M2-MSA	FTL1-S2-MSA	FTL1-M2-BS	FTL1-S2-BS
10/100/1000 media converter—single fiber	MCG1	MCG1-M1A-MSA*	MCG1-S1A-MSA*	MCG1-M1A-BS*	MCG1-S1A-BS*
10/100/1000 media converter—dual fiber	MCG1	MCG1-M2-MSA	MCG1-S2-MSA	MCG1-M2-BS	MCG1-S2-BS
10/100/1000 media converter with SFP port	MCG1-P	MCG1-P2-MSA (dependent on SFP module—SFP modules listed below)			
*The first A in this part number denotes it is an 'A' end product. Pairs of single fiber media converters need an 'A' end and a 'B' end to operate. E.g. when ordering 2 single fiber, compact, multimode media converters from the FTL range, you would require a FTL1-M1A-MSA and a FTL1-M1B-MSA.					
PoE Media Converters—Industrial	Product Series	Wall-mount MM	Wall-mount SM		
10/100 media converter with PoE—single fiber	FTLS1	FTLS1-M1A-WSA*	FTLS1-S1A-WSA*		
10/100 media converter with PoE—dual fiber	FTLS1	FTLS1-M2-WSA	FTLS1-S2-WSA		
10/100/1000 media converter with PoE—single fiber	MCGS1	MCGS1-M1A-WSA*	MCGS1-S1A-WSA*		
10/100/1000 media converter with PoE - dual fiber	MCGS1	MCGS1-M2-WSA	MCGS1-S2-WSA		*Also requires 'B' end
Media Converters—Commercial	Product Series	Compact MM	Compact SM		
10/100 media converter—single fiber	MCCL	MCCL1-M1A-MSA*	MCCL1-S1A-MSA*	*The first A in this part number denotes it is an 'A' end product. Pairs of single fiber media converters need an 'A' end and a 'B' end to operate. E.g. when ordering 2 single fiber, compact, multimode media converters from the MCCL1 range, you would require a MCCL1-M1A-MSA and a MCCL1-M1B-MSA.	
10/100 media converter—dual fiber	MCCL	MCCL1-M2-MSA	MCCL1-S2-MSA		
10/100/1000 media converter—single fiber	MCCG1	MCCG1-M1A-MSA*	MCCG1-S1A-MSA*		
10/100/1000 media converter—dual fiber	MCCG1	MCCG1-M2-MSA	MCCG1-S2-MSA		
Industrial Ethernet Switches	Product Series	DIN Rail	Wall-mount		
Unmanaged, 5 copper 10/100Mbps ports	ESUL5	ESUL5-DA	ESUL5-WA	*Fiber ports shown as multimode (M). Singlemode (S) is also available. Supplied with both DIN rail and wall-mount fixings	
Unmanaged, 8 copper 10/100Mbps ports	ESUL8	ESUL8-DCA	ESUL8-WCA		
Managed, 6 copper 10/100Mbps & 3 SFP ports	ESML6-P3	ESML6-P3-DA	ESML6-P3-WA		
Industrial Ethernet Switches with PoE	Product Series	DIN Rail/Wall-mount*	Commercial-grade version	PoE Description	
Lite Managed, 6-port Gigabit POE+	ESUGS4	ESUGS4-EG1-P1		4 ports 802.3at LAN <sup>1</sup>	
Unmanaged, 8 copper 10/100/1000Mbps ports	ESUG8P	ESUG8P-D		IEEE802.3at, PoE+ on 8 ports	
Self-managed, 4 copper 10/100/1000Mbps & 2 Gigabit SFP ports	ESSG4P-PG2	ESSG4P-PG2-D		IEEE802.3at, PoE+ on 4 ports	
Managed, 8 copper 10/100/1000Mbps & 2 Gigabit combo ports	ESMGS8-C2	ESMGS8-C2-D		IEEE802.3at, PoE+ on 8 ports	
Managed, 16 copper 10/100/1000Mbps & 2 Gigabit SFP ports	ESMGS16-P2	ESMGS16-P2-RAT	ESMGS16-P2-RA	IEEE802.3at, PoE+ on 16 ports	
Managed, 24 copper 10/100/1000Mbps & 4 shared Gigabit SFP ports	ESMGS24-P4	ESMGS24-P4-RAT	ESMGS24-P4-RA	IEEE802.3at, PoE+ on 24 ports	
*Supplied with both DIN rail and wall-mount fixings with the exception of the ESMGS16-P2 and ESMGS24-P4 which are supplied as 1U rack units.				<sup>1</sup> with two uplink ports (1 Fiber SFP and 1 copper gig port non-POE)	
Industrial Power Supplies—for use with POE Ethernet switch range	Product Series	DIN Rail Format			
Standard power supply unit, 120W	DR-120	DR-120-48			
Extended temperature range power supply unit, 120W	SDR-120	SDR-120-48			
Standard power supply unit, 240W	DRP-240	DRP-240-48			
Extended temperature range power supply unit, 240W	SDR-240	SDR-240-48			
Standard power supply unit, 480W	DRP-480S	DRP-480S-48			
Extended temperature range power supply unit, 480W	SDR-480	SDR-480-48			
Industrial SFP Modules	Product Series	Multimode	Singlemode	Copper	
Twisted pair	SFP			SFP-T	
100Mbps 2 fiber	SFP	SFP-MM2	SFP-MS2-B		
Gigabit 2 fiber	SFP	SFP-GM2	SFPV-GS2-A		
Gigabit 1 fiber (20km)	SFP		SFP-GS1A-A		
Gigabit 1 fiber (40km)	SFP		SFP-GS1A-B		
Gigabit 1 fiber (80km)	SFP		SFP-GS1A-C		
Extended Ethernet Kits (IP Transmission & Power over Coax, UTP & 2 wire cabling)	Product Series	1 Camera	2 Cameras	3 Cameras	4 Cameras
Ethernet over coax transmission kits	EE2CL	EE2CL-1KT	EE2CL-2KT	EE2CL-3KT	EE2CL-4KT
Ethernet over UTP/Two-Wire transmission kits	EE2CL	EE2CL-1KT-TW	EE2CL-2KT-TW	EE2CL-3KT-TW	EE2CL-4KT-TW
*Coax kits include 2-5 EE2CL units / 1 x 48Vdc, 1.25A power supply / + BNC Splitter for 2-4 camera kits *UTP Kits include 2-5 EE2CL units / 1 x 48Vdc, 1.25A power supply / BNC Splitter for 2-4 camera kits / + BNC to 2-wire adapters					
ThruLink enables secure transmission of video, voice and data over public networks. Units provide encryption up to 256bit and are available in Standard, Standard Plus, High Capacity and High Capacity Plus variants. The standard and standard plus units are provided in a wall-mount configuration and have the option for embedded 3G/4G/LTE for mobile applications. The High Capacity and High Capacity Plus units are supplied as a 1U, rack-mount unit.					
ThruLink™ Secure Hardware VPN	Standard Unit	Embedded 3G/4G/LTE Version	Throughput*		
Standard capacity*	THLK-SC-OO-AN-WA	THLK-SC-CO-AN-WA	15Mbps		
Standard capacity plus*	THLK-SP-OO-AN-WA	THLK-SP-CO-AN-WA	30Mbps		
High capacity	THLK-H3-RA		100Mbps		*Please note, actual system throughput depends on network availability
High capacity plus	THLK-H4-RA		200Mbps		