

Industrial Ethernet Product Comparison Table



Industrial Ethernet Switches

Model Name	Managed	Total Port	UTP		Fiber			Certification				
			10/100 Base-TX	10/100/1000 Base-T	100Base-FX	1000Base-X	Dual Speed 100/1000Base-X	Railway EN50121-4	Safety UL60950-1	EN61000-6-2 EN61000-6-4	CE FCC	
IFS-500		5	5						✓		✓	✓
IFS-800		8	8						✓		✓	✓
IFS-401F		5	4		1 SC/ST				✓		✓	✓
IFS-402F		6	4		2 SC/ST				✓		✓	✓
IFS-500C		5	5						✓		✓	✓
IGS-500		5		5					✓		✓	✓
IGS-501S		6		5			1 SFP		✓		✓	✓
IGS-800		8		8					✓		✓	✓
IGS-401F		5		4	1 SC				✓	✓	✓	✓
IGS-402F		6		4	2 SC				✓	✓	✓	✓
IGS-402S		6		4			2 SFP		✓	✓	✓	✓
IFS-402GSM	✓	6	4				2 SFP		✓	✓	✓	✓
IFS-803GSM	✓	11	8				3 SFP		✓	✓	✓	✓
IFS-1604GSM	✓	20	16				4 SFP		✓	✓	✓	✓
IGS-404SM	✓	8		4			4 SFP		✓	✓	✓	✓
IGS-803SM	✓	11		8			3 SFP		✓	✓	✓	✓
IGS-812SM	✓	20		8			12 SFP		✓	✓	✓	✓
IGS-1604SM	✓	20		16			4 SFP		✓	✓	✓	✓

Industrial Ethernet Converters

Model Name	Managed	UTP		Fiber Port			Certification				
		10/100 Base-TX	10/100/1000 Base-T	100Base-FX	1000Base-X	Dual Speed 100/1000Base-X	Railway EN50121-4	UL60950-1	EN61000-6-2 EN61000-6-4	CE FCC	
IMC-100C		1		1 SC/ST				✓		✓	✓
IMC-100		1		1 SC/ST				✓		✓	✓
IMC-1000C			1		1 SC			✓		✓	✓
IMC-1000			1			1 SC		✓		✓	✓
IMC-1000CS			1			1 SFP		✓		✓	✓
IMC-1000S			1			1 SFP		✓		✓	✓
IMC-1000MS	✓		1			1 SFP		✓		✓	✓
IMC-1000M	✓		1			1 SC		✓		✓	✓
IMC-100M	✓	1		1 SC/ST				✓		✓	✓

Industrial Serial Fiber Converters

Model Name	Dual Channel	Serial			Fiber		Certification			
		RS232	RS422/485	Isolation 2.5KV	SC/ST	Daisy Chain	Safety UL60950-1	EN61000-6-2 EN61000-6-4	CE	FCC
IFC-FDC	✓	2	1	✓	2	✓	✓	✓	✓	✓
IFC-Serial	✓	2	1	✓	1		✓	✓	✓	✓

Industrial Ethernet PoE Switches

Model Name	Managed	Total Port	UTP		Fiber		PoE Port IEEE802.3at	Certification			
			10/100 Base-TX	10/100/1000 Base-T	1000Base-X	Dual Speed 100/1000Base-X		Railway EN50121-4	UL60950-1	EN61000-6-2 EN61000-6-4	CE FCC
IGS-600-4PH24		6		6			4	✓	✓	✓	✓
IGS-401F-4PH24		5		4	1 SC		4	✓	✓	✓	✓
IGS-402F-4PH24		6		4	2 SC		4	✓	✓	✓	✓
IGS-402S-4PH24		6		4		2 SFP	4	✓	✓	✓	✓
IFS-402GSM-4PH24	✓	6	4			2 SFP	4	✓	✓	✓	✓
IFS-803GSM-8PH24	✓	11	8			3 SFP	8	✓	✓	✓	✓
IGS-803SM-8PH24	✓	11		8		3 SFP	8	✓	✓	✓	✓
IGS-402SM-4PH24	✓	6		4		2 SFP	4	✓	✓	✓	✓

Industrial Ethernet PoE Converters

Model Name	Managed	UTP		Fiber Port		PoE		Input Voltage (Boost)	Certification			
		10/100 Base-TX	10/100/1000 Base-T	100 Base-FX	Dual Speed 100/1000Base-X	IEEE802.3 at/at (PSE)	Power Budget		Railway EN50121-4	EN61000-6-2 EN61000-6-4	CE FCC	
IMC-1000-PH12			1		1 SC		1	30W	12/24/48VDC	✓	✓	✓
IMC-1000S-PH12			1		1 SFP		1	30W	12/24/48VDC	✓	✓	✓
IMC-100-PH12		1		1 SC/ST			1	30W	12/24/48VDC	✓	✓	✓
IMC-1000M-PH12	✓		1		1 SC		1	30W	12/24/48VDC	✓	✓	✓
IMC-1000MS-PH12	✓		1		1 SFP		1	30W	12/24/48VDC	✓	✓	✓
IMC-100M-PH12	✓	1		1 SC/ST			1	30W	12/24/48VDC	✓	✓	✓



Industrial PoE Gigabit Ethernet Injector

Model Name	Network	PoE		Input Voltage	Certification		
	10/100/1000 Base-T (UTP)	IEEE802.3 at /af (PSE)	Power Budget		Railway EN50121-4	EN61000-6-2 EN61000-6-4	CE, FCC
INJ-IG60-24	1	1	15/30/36/60/72W	"24/48VDC (Boost)"	✓	✓	✓
INJ-IG01-PH	1	1	15/30/60W	48VDC	✓	✓	✓

PoE LAN Extender

Model Name	UTP	Long Distance		PoE Port IEEE802.3at	Certification			
	10/100	RJ11	Coaxial		Rail Way EN50121-4	Saftey EN60950-1	EN61000-6-2 EN61000-6-4	CE, FCC
IEXT224-4PH	4	1	1	24/48VDC	✓	✓	✓	✓
IEXT204-4PH	4	1		48VDC	✓	✓	✓	✓

EN50155 Ethernet Switches

Model Name	Managed	IP67	Total Port	UTP M12		Fiber Port Dual Speed 100/1000Base-X	PoE Port IEEE802.3at	Certification					Shock/Vibration IEC61377
				10/100 Base-TX	10/100/1000 Base-T			EN50155	EN50121-4	Safety UL60950-1	EN61000-6-2 EN61000-6-4	CE FCC	
ITP-500		✓	5	5				✓	✓		✓	✓	✓
ITP-800		✓	8	8				✓	✓		✓	✓	✓
ITP-800M	✓	✓	8	8				✓	✓	Plan	✓	✓	✓
ITP-802GTM	✓	✓	10	8	2			✓	✓	Plan	✓	✓	✓
ITP-802GSM	✓	✓	10	8		2 SFP		✓	✓	Plan	✓	✓	✓
ITP-G800M	✓	✓	8		8			✓	✓	Plan	✓	✓	✓
ITP-G802SM	✓	✓	10		8	2 SFP		✓	✓	Plan	✓	✓	✓
ITP-800M-8PH24	✓	✓	8	8			8	✓	✓	Plan	✓	✓	✓
ITP-802GTM-8PH24	✓	✓	10	8	2		8	✓	✓	Plan	✓	✓	✓
ITP-802GSM-8PH24	✓	✓	10	8		2 SFP	8	✓	✓	Plan	✓	✓	✓
ITP-G802SM-8PH24	✓	✓	10		8	2 SFP	8	✓	✓	Plan	✓	✓	✓
ITP-G800M-8PH24	✓	✓	8		8		8	✓	✓	Plan	✓	✓	✓

IEC61850-3 Ethernet Switches

Model Name	Managed	Total Port	UTP		Fiber Port Dual Speed 100/1000Base-X	Certification			
			10/100 Base-TX	10/100/1000 Base-T		IEC-61850-3	Safety UL60950-1	Railway EN50121-4	CE, FCC
IPS-G803SM	✓	✓		8	3 SFP	✓	✓	✓	✓
IPS-803GSM	✓	✓	8		3 SFP	✓	✓	✓	✓

Core Switch

Model Name	Managed	Total Port	GbE Port		10GbE IEEE 802.3ae SFP+	Certification			
			100/1000 Base-X SFP	10/100/1000 Base-T(X) UTP or 100/1000Base-X SFP		Saftey UL60950-1	EN50121-4	EN61000-6-2 EN61000-6-4	CE, FCC
ICS-24S4XM-HH	✓	28	20	4 Combo	4	✓	✓	✓	✓
ICS-24S2XM-LL	✓	26	20	4 Combo	2	✓	✓	✓	✓

Ethernet Device Servers

Model Name	LAN UTP Port	WAN Port		Certification
	10/100Base-TX	RS-232	RS-232	
STE100A/RS-232	✓	✓		✓
STE100A-RS-485	✓		✓	✓