

IG2 device for XPG

The IG2 is a chosen hardware of the XPG (Secure StreamX Protocol Gateway) product family. With its ultra-compact design and high-performance components, the IG2 meets all requirements of communication applications, data processing and protocol conversion and is extremely flexible in operation and integration.

See also [XPG Communication Gateway](#)



Specifications

Computer	Industrial Software	StreamX
	Operating System	ISOS (Industrial Secure Operating System)
	CPU	Quad-core Cortex-A53, 1.8GHz
	RAM	2GB
	Storage	16GB eMMC
Interface	Serial	1x RS232, 1x RS232/R485 (configurable)
	Digital I/O	4x digital Inputs + 4 digital Outputs, isolated, terminal-block connector
	USB	3x USB2.0 ports, type-A connectors
	RTC	Real time clock operated from on-board coin-cell battery
Network	LAN	1x 1000Mbps Ethernet port, RJ45 connector 1x 100Mbps Ethernet port, RJ45 connector
	Cellular	LTE CAT1, SIM 7600G (optional)
Operating conditions	Power consumption	Max. 7 W
	Working temperature	0°C to +60°C (standard) -40°C to +80°C (optional)
	Cooling	Passive cooling, fanless design
	MTBF	> 200'000 hours
Physical	Dimensions (LxWxH)	112 x 84 x 25 mm
	Weight	0.45 kg
	Supply voltage	8-36 VDC
	Enclosure	Aluminium housing
	Installation	DIN Rail (IEC/En 60715)
Compliance	Regulatory	CE, FCC
	EMC	EN 55032/5, EN 61000-6-2, EN61000-6-3
	Safety	IEC 62368-1

Product Overview

Options	XPG-IG2 XPG-IG2LTE XPG-IG2-T XPG-IG2LTE-T	Basic version With LTE Modem Extended working temperature -40°C to +80°C With LTE Modem & extended working temperature -40°C to +80°C
Power supply	IG2-ACC-PSU	Wall mount PSU with DC plug lock Input 100-240VAC 50/60Hz, 36W output 12 VDC 3A
DC Y-cable	IG2-ACC-CABDC	DC Y-cable with plug lock
DC terminal block adapter	IG2-ACC-DC2TB	Adapter from DC plug with lock to terminal block



Request for offer

We will be pleased to consult you on your project or propose a non-binding offer. Please send this form with your contact data to info@elvexys.com to learn more about IG2.

Positions	Quantity
XPG-IG2	
XPG-IG2LTE	
XPG-IG2-T	
XPG-IG2LTE-T	
IG2-ACC-PSU	
IG2-ACC-CABDC	
IG2-ACC-DC2TB	

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