

FLIR TI BPL2

2nd generation Broadband over Power Line interface



System Overview	
Basic Functionality	Connecting zone outputs from BPL2 sensor(s)* or Power Line (PL) sensor(s)** to controller Providing power to BPL2 or PL sensor(s) Connecting PC to BPL2 or PL sensor(s) for system configuration & viewing
Number of cameras	Standard 1 – 4 x BPL2 or PL sensors Maximum 7 x BPL2 or PL sensors
Detection outputs	16 x optical coupled dry contacts N/C via terminal connector on the back I _{max} = 50mA, U _{max} = 48VDC Configurable 'Close on Event' or 'Open on Event' 16 x output status LEDs on the front
Error outputs	4 x optical coupled dry contacts N/O via terminal connector on the back I _{max} = 50mA, U _{max} = 48VDC 1 interface error LED on the front 4 x BPL2 or PL sensor status LEDs
Communication	JSON HTTP API or XML2 protocol
Power, connectivity	
Input Voltage	12 – 42 VDC or 12 – 30 VAC
Power Consumption	≤ 3W
Current Consumption	≤ 130 mA@ 24 VDC
Network connection	RJ45 Ethernet connector
Interface mounting	BOX, EURO-rack mountable, DIN-rail clickable
Sensor connection	Via 4 x terminal connectors on the back
Environmental	
EMC	Electromagnetic Compatibility - 2014/30/EU
FCC	FCC Part 15 class B
Temperature range	NEMA II specs: -40C to +74C
Physical dimensions	
Width X Height X Depth	5,05 cm x 12,84 cm x 18,00 cm
Weight	750g

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