

FLIR TI BPL3

3rd Generation Broadband Over
 Power Line Interface



This interface connects zone outputs from BPL3 sensors* and/or Power Line sensors to a controller, providing power and communications to BPL3 sensors and/or PL sensors. It also connects the PC to BPL3 sensors and/or PL sensors for system configuration and viewing.

*BPL3 Sensor(s): TraftOne,ThermiCam AI, TraftCam AI, TraftSense AI, LaneCom T, LaneCom V

SPECIFICATIONS

FLIR TI BPL3	
Maximum Number of Cameras	Standard 1 – 4 × BPL3 or PL sensors Maximum 4 × BPL3 or PL sensors
Detection Outputs	16 × optical coupled dry contacts N/C via terminal connector on the back Imax = 50m A, Umax = 48 VDC Configurable ‘Close on Event’ or ‘Open on Event’ Detection output status information via 16 output LEDs (green, front)
Error Outputs	4 × optical coupled dry contacts N/O via terminal connector on the back Imax = 50m A, Umax = 48 VDC 1 interface error LED on the front 4 × BPL3 or PL sensor status LEDs
Communications	JSON, HTTP, API, or XML2 protocol
Power & Connectivity	
Input Voltage	12–42 VDC or 12–30 VAC
Power Consumption	≤3 W
Current Consumption	≤130 mA @ 24 VDC
Network Connection	1 RJ45 Ethernet connector
Interface Mounting	BOX, EURO-rack mountable, DIN-rail clickable
Sensor Connection	Via 4 × terminal connectors on the back
Environmental	
FCC/EU Directives	EMC 2014/30/EU • EN50293 • EN55032 (Class B) LVD 2014/35/EU • EN50556 • EN62368-1 RoHS 2011/65/EU: -40°C to 74°C (-40°F to 165°F)
Temperature Range	NEMA II specs: -40°C to 74°C (-40°F to 165°F)
Physical Dimensions	
Size (H × W × D)	50 × 130 × 185 mm (1.99 × 5.11 × 7.28 in)
Weight	570 g (1.26 lb)

Specifications are subject to change without notice.
 For the most up-to-date specs, go to www.teledyneflir.com

For more information contact: Sales@TeledyneFLIR.com
 or to find your local support number, visit: flir.com/contactsupport

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