



infrastructure
protection INC

TZ Centurion™ Multi Port Link

Model Number: 7105CL



The TZ Centurion Multi Port Link provides dynamic and cost effective security, sensing and power expansion of the TZ Centurion System. This interconnect module enables networking of TZ locking and environmental monitoring devices.

One Multi Port Link can provide power and serial data connection for up to four TZ devices plus RS-485 serial data connections for the continuation of the network. The Multi Port Link can also act as an inline power injector in order to power devices and provide four additional I/O connectors for accessories like sensors, in-cabinet task lighting and fans.

features

- ▶ Extends TZ network and connects additional devices
- ▶ Provides power to devices
- ▶ Internal temperature sensor
- ▶ Screw terminals for auxiliary I/O devices
- ▶ Modules to cater for interconnection of two or four devices
- ▶ AC power adapter included

benefits

- ▶ Connects and extends structured cabling system facilitating cost effective installation
- ▶ Provides connection to auxiliary devices such as TZ Sensors for economical environmental monitoring and to third party devices such as in-cabinet task lighting and fans
- ▶ Power injection point for local powering or extending network branches
- ▶ Flexible mounting options allow for fixing to most surfaces or for rack mounting with integrated power supply

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specifications overview

Specifications subject to change to suit particular application requirements.

physical and mountings

Dims: 108mm (130mm with flange) x 72mm x 28mm (4.25" (5.2" with flange) x 2.8" x 1.1")

Weight: 75 g (2.6 oz)

Mounting: via 2 x M4 (#8) screws through flanges or adhesive on bottom surface (not included)

CAUTION:

This product should not be installed in a way that compromises the Ingress Protection (IP) rating of the enclosure in which it is mounted. Do not drill or otherwise produce metal shavings around electronic equipment.

environmental and performance

Operating temperature: -15°C to +55°C (5°F to 131°F)

Survival temperature: -55°C to +85°C (-67°F to +185°F)

Humidity (operating): 95% RH at 50°C (122°F)

Non combustible

Ingress protection: IP 21

electrical

Accepts 9.0 – 32.0 VDC supply voltage

12V 0.84A power supply included – 2.1mm diameter, center positive, barrel power plug

RS-485 multi-drop communications interface via RJ-45

6 x RJ-45 connections: 1 input, 1 output, and 4 for connecting TZ devices

Four pluggable screw terminal blocks included to make additional electrical connections with devices

Screw terminal pin-out: 1: AUX-IN1, 2: AUX-IN2, 3: Gnd, 4: AUX-OUT1, 5: AUX-OUT2, 6: +V

Push button triggering of attached devices by connecting AUXIN1 to GND via switch or similar

AUX-IN2 on fourth screw terminal block is internally connected to a thermistor for monitoring temperature; a TZ locking device must be connected to the fourth RJ-45 port in order to read the temperature

Internal DIP switch can bridge AUX-IN1 pins of all attached devices for simultaneous triggering

RJ-45 pin-out: 1: +Coms, 2: -Coms, 3: AUX-OUT1, 4: AUX-IN1, 5: Gnd, 6: AUX-OUT2, 7: AUX-IN2, 8: +V

standards compliance

FCC Part 15 Class B, CE, IC, and UL all in progress

RoHS compliant, One Year Limited Warranty

dimensions (mm)

