



TZ Centurion™ Bridge

Model Number: 7130CF



TZ Centurion Bridge is an IP-based gateway that provides power and communication to a range of TZ locking devices, sensors, readers and other components operating on a RS485 network running on structured Cat5e / Cat 6 cabling. The TZ Centurion network can be operated as a stand-alone system using the integrated TZ web client as a component of a separate enterprise application, or as part of a multi-TZ Centurion Bridge network managed by TZ Centurion Server, or through integration with a third party access management database via SNMP.

features

- ▶ Small, compact form IP based RS485 gateway providing power and RS485 communication to TZ devices via standard structured Cat5e / Cat6 cabling up to 100m
- ▶ Capable of environmental sensing and supports integration of Wiegand devices
- ▶ Scalable RFID reader distribution throughout the network
- ▶ Event and alarm logs stored locally
- ▶ Remote firmware upgrade
- ▶ Web server-based application supports SNMP
- ▶ Compatible with TZ Centurion Server for multiple Bridge and multi-site installations

benefits

- ▶ Enables the control of a network of TZ locking devices, sensors, readers, and components over the internet in a cost effective, scalable and simply installed manner using industry standard structured cabling
- ▶ User friendly web interface for management, control, monitoring and system access
- ▶ Stores event records for audit trails – downloadable through the web interface from any location
- ▶ Records environmental data in CSV format – downloadable through the web interface or via a SD card for post processing and analysis
- ▶ Integrated power supply means no additional equipment or cabling is required
- ▶ Allows multiple 3rd party RFID card or biometric readers anywhere on the network
- ▶ Flexible mounting options and small size allows installation in most spaces and mounting kits allow rack mounting of two units per 1U of rack space.
- ▶ Facilitates enterprise level software expansion

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specifications overview

Specifications subject to change to suit particular application requirements.

physical and mountings

Dims: 173mm x 110mm x 28mm (6.8" x 4.3" x 1.1")

Weight: 540 g (1.2 lbs)

Mounting: Screws through bottom

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)

Storage 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

Supply voltage: 12/24VDC

Power usage: 1W (does not include connected devices)

1 x Ethernet Port, Power-over-Ethernet IEEE 802.3af

2 x Dry Contact outputs, 32VDC 5A

2 x Contact Closure auxiliary inputs

SD card port

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

RJ-45 pin out: 1: +Coms, 2: -Coms, 3 & 4: Not Used, 5: Gnd, 6 & 7: Not Used, 8: +V

standards compliance

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

RoHS compliant, One Year Limited Warranty

dimensions (mm)

