TZ Centurion™ Wiegand Translator

Model Number: 8105CF

infrastructure
protection

ixp.tz.net

The TZ Centurion Wiegand Translator device connects to a TZ Centurion network and provides access control by interpreting a Wiegand data stream from third party credential readers such as RFID and biometric scanners. The device also provides a constant 12V DC output to power the third party credential reader.

The TZ Centurion Wiegand Translator can also operate as a stand-alone unit with an attached 3rd party credential reader to control a small group of networked TZ Locking devices.

Features

> Allows third-party Wiegand credential reader devices to trigger the TZ Centurion system.

> Powered from the TZ structured cable network.

> Screw terminals for connection to third party Wiegand device.

> **Provides third party reader with external power, 12/24vdc bus power pass-through or 12vdc from TZ bus via integrated transformer.**

Benefits

> Supports industry standard Wiegand authentication devices such as card readers and biometric scanners.

> Uses structured cabling for power and data facilitating easy and economical installation.

> Features simple installation procedure to connect third party credential readers to the TZ network.

> Compact size and form facilitates easy installation.

> Communicates an audit trail of authorised and unauthorised attempts.

> Can be used as a stand-alone controller for a smaller network of TZ devices.

> Allows organisations to use their preferred credential reader on the TZ Centurion System.

Specifications Overview

Specifications subject to change to suit particular application requirements.

Physical And Mountings

> Dims: 63.5mm (88.9mm with flange) x 63.5mm x 25.4mm (2.5" (3.5" with flange) x 2.5" x 1.0")

> Weight: 75 g (2.6 oz)

> Mounting: via 2 x M4 (#8) screws through flange 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

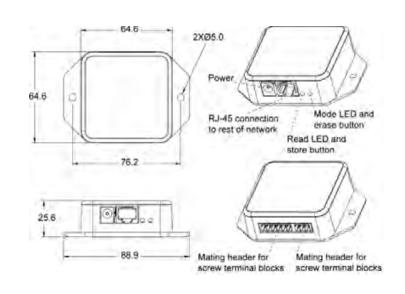> Operating temperature: -15°C to +55°C (+5°F to +131°F)

> 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

> Power supplied via RJ-45 connection – accepts 9.0 – 32.0 VDC supply voltage

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

> 1 x RJ-45 connection to rest of device network

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

> One pluggable screw terminal block included to make additional electrical connections with devices

> AUX screw terminal pin-out: 1: AUX-IN1 | 2: Wiegand Data 0, 3: Gnd | 4: AUX-OUT1 | 5: Wiegand Data 1 | 6: +V

> Power screw terminal pin-out: 1: 9-32VDC Out / 300mA | 2: 12VDC Out / 300mA | 3: Gnd

> Two Push-buttons: Store and Erase

> Two LEDs: Network / Stand-Alone Mode and Read

Standards compliance

> FCC Part 15, CE, UL (c-us) per IEC/UL/CSA 60950-1 File E325346

> RoHS compliant

> One year limited warranty

Dimensions (mm)