



infrastructure
protection INC

TZ Centurion™ Wiegand Translator

Model Number: 8105CF



The TZ Centurion Wiegand Translator Interface connects to a TZ Centurion network and provides access control by interpreting a Wiegand data stream from third party security input such as from biometric scanners.

The device can operate as a stand-alone unit controlling a small group of networked system devices, or as a network device that transmits information — like access attempts — to the rest of the network.

features

- ▶ Allows third-party Wiegand devices to trigger the TZ Centurion system
- ▶ Powered from the TZ structured cable network
- ▶ Screw terminals for connection to third party Wiegand device

benefits

- ▶ Supports industry standard Wiegand authentication devices such as card and biometric readers
- ▶ Uses structured cabling for power and data facilitating easy and economical installation
- ▶ Compact size and form facilitates easy installation
- ▶ Communicates an audit trail of authorized and unauthorized attempts
- ▶ Can be used as a stand-alone controller for a smaller network of TZ devices

TZ Centurion™ Wiegand Translator

Model Number: 8105CF

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

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

Two Push-buttons: Store and Erase

Two LEDs: Network / Stand-Alone Mode and Read

standards compliance

CE, IC

RoHS compliant, One Year Limited Warranty

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCCID: W6XTZWT8101CF

dimensions (mm)

