

TZ SlideHandle™



TZ SlideHandle™ is an intelligent locking device that offers a drop-in replacement for legacy manual data centre cabinet locks.

The device integrates a high load Shape Memory Alloy (SMA) actuated locking mechanism with touch to release option, a multi-colour LED status indicator, manual key override, electronic door status sensor and RJ-45 connector.

TZ SlideHandle™ is powered and controlled via standard UTP CAT5e / CAT6 cabling through a TZ Centurion™ Bridge.

Features

- Simple surface mounted installation on outside of door.
- Mechanism provides industry standard one quarter turn action.
- High load, SMA actuated locking mechanism with touch to release function.
- Incorporates manual multi-key override.
- Powered and controlled by TZ Centurion™ Bridge.
- Visual status indication.
- External sensors for door status (locked / closed, unlocked / closed, unlocked / open, locked / open).



Benefits

- Surface mount design retrofits existing manually keyed handle latching systems to enable integrated electronic security and sensing.
- Fits most cabinet brands with mounting hardware suitable for industry standard 25mm wide handle openings eliminating need for onsite door modifications.
- Compatible with currently available single-point and multi-point latching as well as split French doors.
- Integrates manual keyed override in the event of power failure, which also facilitates initial installation.
- Integrated electronics and sensors report on true door status, including manual override mode and forced entry which provides complete audit trail.
- Connects into RJ-45 based twisted pair cabling infrastructure with standard patch cables which can provide power up to 100 meters for large installations.
- Bright LED status band visible up to 30m indicates locked / unlocked and ready to unlock states.

Specifications

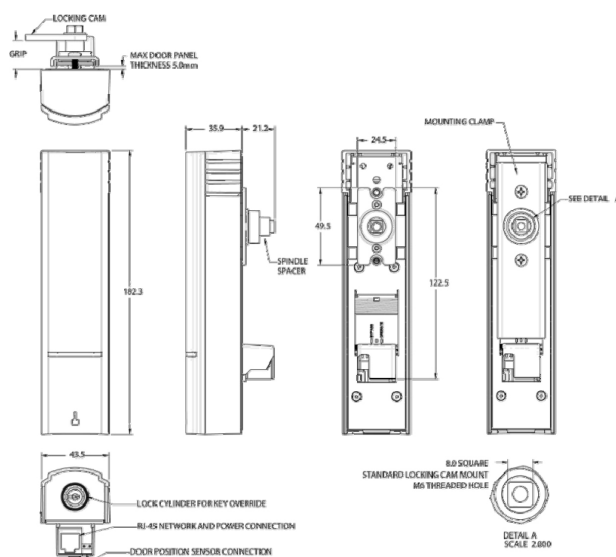
Specifications subject to change to suit particular application requirements.

Physical & Mountings	
Dimensions (mm):	182.3mm tall (207.3mm when open), 43.5mm wide, 35.9mm out from door, 21.2mm in from door
Dimensions (In):	7.17" tall (8.16" when open), 1.71" wide, 1.41" out from door, 0.83" in from door
Mounting:	Via 2 x M4 (#8) screws and clamp piece. Mounts to doors with standard 25mm x 150mm (5.9" x 1") or 25mm x 125mm (4.9" x 1") opening (with or without center of cutout blanked). 5mm max door panel thickness.
Grip dimensions of 3mm to 24mm can be accommodated with standard spacers and locking cams.	

Environmental & 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)
Operating cycles:	MTTF > 125,000
Ingress protection:	IP 51

Electrical	
Supply voltage:	9.0 – 32.0VDC
Power consumption (operating):	< 3.5W average
Power consumption (standby):	< 400mW
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, CE, UL (c-us) per IEC/UL/CSA 60950-1 Pending RoHS compliant, One Year Limited Warranty	



Ver: EDPTZSH0219.1