# iProtect & TANlock

## End-to-End Security with high Comfort

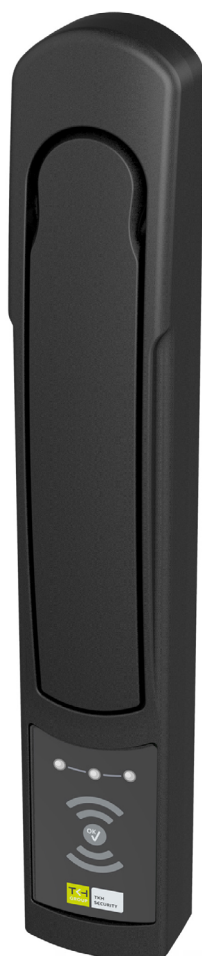**iProtect**

# iProtect & TANlock

iProtect not only offers a modern and flexible Access Control System to secure a wide variety of objects, but also an efficient way to protect your data via a tamper proof locking system, which can be centrally controlled.
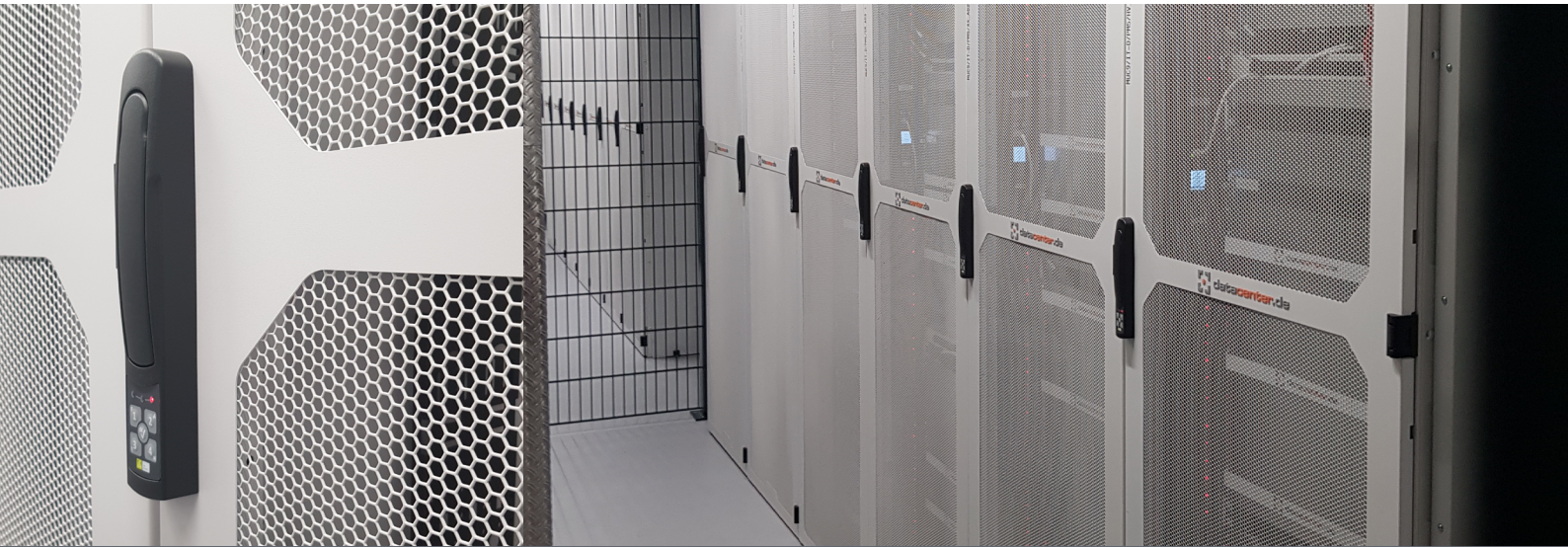
The TANlock system may be used for all areas which need to be secured such as, data centers, control cabinets on production plants or in your critical infrastructure. With implementing this system, you ensure that only authorized persons have access to your business-critical areas. Furthermore, you can monitor the status of each individual cabinet door online.

# End-to-End Security with high Comfort

# TANlock Highlights

> Central authorization management with an online connection to iProtect

> Audit security according to GDPR through logging with log management

> Easy installation - no additional hardware necessary and almost maintenance free

> Elegant design; made of high-quality die-cast zinc with high quality powder coating

> PoE (Power over Ethernet) including emergency opening in the event of a power failure

> Communication: HTTPS

> Available in two colors:

- Black

- Silver

## TANlock RFID, TL3-UN
## Key features

> Suitable for all universal Racks

> RFID Technology:

  - Mifare DESfire EV2

  - Mifare SNR

> OK button to confirm remote opening

> Can be powered-up in case of emergency via USB-C

## TANlock RFID, TL3-UN-Pin
## Key features

> Suitable for all universal Racks

> RFID Technology:

  - Mifare DESfire EV2

  - Mifare SNR

> OK button to confirm remote opening

> Can be powered-up in case of emergency via USB-C

> Two-factor authentication with PIN (4 digit pin pad)

## TANlock RFID, MO TL3-UN-MO
## Key features

> Suitable for all universal Racks

> RFID Technology:

  - Mifare DESfire EV2

  - Mifare SNR

> OK button to confirm remote opening

> Mechanical override via Euro half cylinder (cylinder not included).

## TANlock RFID, PIN MO TL3-UN-Pin-MO
## Key features

> Suitable for all universal Racks

> RFID Technology:

  - Mifare DESfire EV2

  - Mifare SNR

> OK button to confirm remote opening

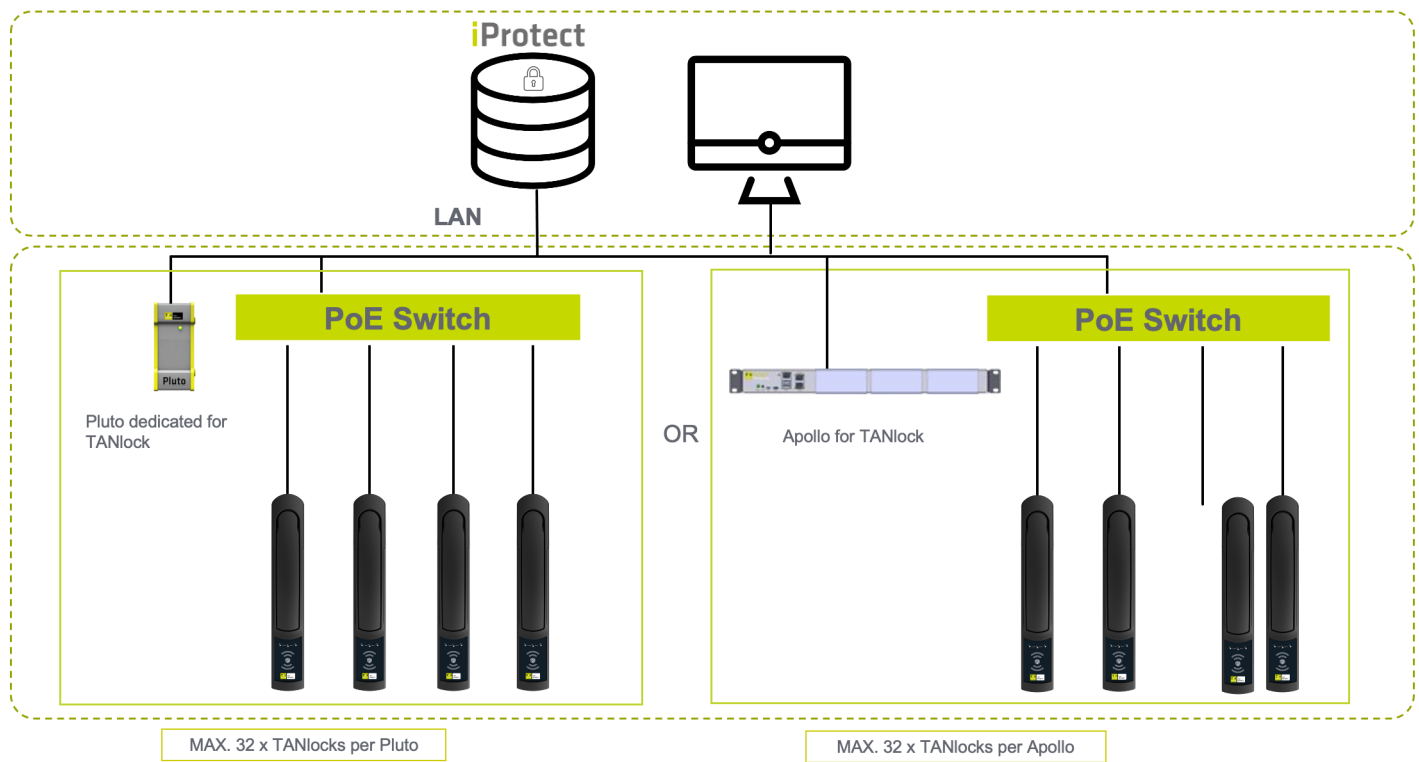> Mechanical override via Euro half cylinder (cylinder not included)

> Two-factor authentication with PIN (4 digit pin pad)

# TANlock System Architecture



**iProtect**

LAN

**PoE Switch**

Pluto dedicated for
TANlock

OR

Apollo for TANlock

**PoE Switch**

MAX. 32 x TANlocks per Pluto

MAX. 32 x TANlocks per Apollo

| | TANlock RFID | TANlock RFID, PIN | TANlock RFID, MO | TANlock RFID, PIN MO |
|---|---|---|---|---|
| | **TL3-UN** | **TL3-UN-Pin** | **TL3-UN-MO** | **TL3-UN-Pin-MO** |
| **Power supply & consumption** | | | | |
| **Voltage** | PoE : IEE 802.3af-2003 | PoE : IEE 802.3af-2003 | PoE : IEE 802.3af-2003 | PoE : IEE 802.3af-2003 / min. 4.8W |
| **Power consumption** | min. 4.8W | min. 4.8W | min. 4.8W | min. 4.8W |
| **Measure** | | | | |
| **Measurements Housing** | 239,0 x 40,0 x 28,0 mm | 239,0 x 40,0 x 28,0 mm | 292,0 x 44,5 x 36,7 mm | 292,0 x 44,5 x 36,7 mm |
| **Weight** | 680 g | 680g | 820g | 820g |
| **Environment** | | | | |
| **Rating** | IPXX Optional IP54 IP65 | IPXX Optional IP54 IP65 | IPXX Optional IP54 IP65 | IPXX Optional IP54 IP65 |
| **Operating temp** | -40 … 65ºC | -40 … 65ºC | -40 … 65ºC | -40 … 65ºC |
| **Operating humid** | 5 … 95% relative humidity, non-condensing | 5 … 95% relative humidity, non-condensing | 5 … 95% relative humidity, non-condensing | 5 … 95% relative humidity, non-condensing |
| **Storage temp** | -40 … 85ºC | -40 … 85ºC | -40 … 85ºC | -40 … 85ºC |
| **Inputs** | | | | |
| **Digital input IN0** | Door status | Door status | Door status | Door status |
| **Digital input IN1** | Side panel status | Side panel status | Side panel status | Side panel status |
| **USB-C** | External power via USB-C connector | External power via USB-C connector | | |
| **Cardreader** | | | | |
| **Standard** | ISO 14443-A | ISO 14443-A | ISO 14443-A | ISO 14443-A |
| **Frequencies** | 13,56MHz | 13,56MHz | 13,56MHz | 13,56MHz |
| **Type** | Mifare DESFire EV1 and EV2, Mifare SNR | Mifare DESFire EV1 and EV2, Mifare SNR | Mifare DESFire EV1 and EV2, Mifare SNR | Mifare DESFire EV1 and EV2, Mifare SNR |
| **Reading Distance** | 0-30 mm (normal operation) | 0-30mm (normal operation) | 0-30 mm (normal operation) | 0-30 mm (normal operation) |
| **Optional PIN pad** | | Two-factor authentication with PIN (4 digit pin pad) | | Two-factor authentication with PIN (4 digit pin pad) |
| **Indicators** | | | | |
| **ORANGE LED** | Handle rotation status | Handle rotation status | Handle rotation status | Handle rotation status |
| **BLUE LED** | Access status | Access status | Access status | Access status |
| **RED LED** | Alarm status | Alarm status | Alarm status | Alarm status |
| **Certification** | | | | |
| **Certification** | Electric EMC / CE | Electric EMC / CE | Electric EMC / CE | Electric EMC / CE |
| **Colours** | | | | |
| **Black** | TL3-UN-B | TL3-UN-Pin-B | TL3-UN-MO-B | TL3-UN-Pin-MO-B |
| **Silver** | TL3-UN-S | TL3-UN-Pin-S | TL3-UN-MO-S | TL3-UN-Pin-MO-S |
| **Mechanical Override** | | | | |
| **Cylinder size** | | | "DIN half cylinder 30/10" | Euro DIN ½ size cylinder (40-45mm) |