The Gallagher T21 PIV Reader is a contact card plus PIN reader, delivering a robust solution for areas requiring multi-factor PIV card authentication.

Fully compliant

The T21 PIV Reader meets the requirements of the NIST SP 800-116 specification for dual factor authentication for access to ‘Limited’ security areas.

Features and benefits:

- Supports PIV, PIV-I, PIV-C, CIV, TWIC and CAC cards
- Optionally supports contactless MIFARE Classic®, MIFARE Plus®, 125 kHz and MIFARE DESFire EV1® and MIFARE DESfire EV2® cards when mounted in shared federal / non-federal building entrances
- Support for the native PIV card application PIN, only one PIN for the cardholder to remember
- A 3.5’ LED display for user feedback
- Large and durable keypad
- Multiple language support
- Wall and unit tamper
- Custom background images when in idle mode
- Fully configurable Mimic Panel reflecting the status of up to 8 inputs or outputs
- Upgrade software in situ to keep your system up to date with latest technology developments (via HBUS)

How does it work?

- The T21 screen requests the cardholder to insert their PIV card into the illuminated slot at the base of the reader
- The cardholder inserts their PIV card, and is requested to enter their PIV card PIN
- The cardholder enters their PIN, and is requested to remove their card (so that the card is not accidentally left in the reader)
- The cardholder removes their card, and the reader grants or denies access
## Technical Specifications

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### T21 PIV Reader

**Product detail**

- **Read range**
  - MIFARE Classic: 100mm
  - MIFARE DESFire EV1: 80mm
  - MIFARE DESFire EV2: 100mm
  - MIFARE Plus: 65mm
  - 125kHz: 95mm

- **Power**
  - Voltage: 9-16Vdc
  - Idle current @ 13.6Vdc - MIFARE: 149mA
  - Idle current @ 13.6Vdc - Multitech: 164mA

**Minimum requirements**

- **Software**
  - Gallagher PIV Command Centre v7.60

**Environmental limits**

- **Operating temperature**
  - -30 to +70°C (-22°F to +158°F)
- **Humidity**
  - 95% non-condensing
- **Protection rating**
  - IP55
- **Impact rating**
  - IK08
- **UV Stability**
  - Nil structural degradation for the life of the reader

**Communications**

- **Cable Length**
  - Cat5e (data and power)**: up to 50m
  - Cat5e (data only)**: up to 500m
  - HBUS Cable (data and power)**: up to 200m

**Standards compliance**

- FCC, CE, APL, RCM UL, GSA APL
- Compliance and certification information is available on our support site or by contacting Gallagher

**Dimensions**

- Height x width x depth: 232 x 96 x 30mm (9.1 x 3.8 x 1.2in)

**Additional notes**

- **Prolonged exposure to high UV light environments can cause plastics to discolor**
- **For further cable specifications please refer to the Gallagher Security System Technical Reference Manual**

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GLOSSARY:

- **MIFARE Classic**, **MIFARE Plus**, **MIFARE DESFire EV1** and **MIFARE DESFire EV2** are registered trademarks of NXP B.V.

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