

T21 PIV Reader

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



Accessories



T21 Bezel

In the event of the card insertion slot being fouled or worn, the T21 has a replacement bezel (C305280/1) available. This allows a cost effective return to service that doesn't entail replacing the entire reader.

Technical Specifications

Product numbers					
C305500	T21 PIV Reader, Black	C305510	T21 PIV Reader - Multi Tech, Black	C305280	T21 Bezel, Black
C305501	T21 PIV Reader, White	C305511	T21 PIV Reader - Multi Tech, White	C305281	T21 Bezel, White
C300308	T21 Backing Plate, Black				

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 (-22F 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, C-Tick, UL, GSA APL	
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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MIFARE Classic, MIFARE Plus, MIFARE DESfire EV1 and MIFARE DESfire EV2 are registered trademarks of NXP B.V.

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