

Gallagher T Series Readers T10, T11 & T12



The Gallagher T Series range provides contactless card readers for access control management as part of the Gallagher security integration platform.

Key features across the series include the following:

- **Advanced communication** - Gallagher T Series Readers are equipped with a new high speed RS-485 communications protocol, HBUS
- **Environmentally friendly** - RoHS compliant and designed for minimal power consumption
- **Durable** - Fully potted Gallagher T Series Readers are rated to IP68 for water and dust protection, and IK07 for impact protection
- **Backwards compatibility** - The readers are backwardly compatible with all Cardax IV enabled hardware
- **Contemporary design** - Classic black and white or customized units available with either mullion or flushbox mounting variants
- **Customizable** - Illumination and sound can be turned off where reader visual, audible indications may cause distraction

Unparalleled reader security through:

- IT grade authentication and encryption between the reader and controller
- Support for custom site encryption keys
- Heartbeat monitoring to ensure reader status can be monitored in real time

Supports multiple card technologies including:

- Mifare DESFire EV1, Mifare Plus and Mifare Classic
- 125 kHz proximity technology (T11/T12 multi technology readers only)



Gallagher also provide a number of ancillary products for the T Series including:

- Protective reader covers - protect readers against vandal attacks and harsh environments
- Dress Plates - cover previously installed readers ensuring a clean finish for sites handling an upgrade.
- Spacers - enforce a space between the reader and the surface, allowing installations on metal surfaces without detuning the reader.

Dimensions - T10 Reader	Height x Width x Depth	115 mm x 35mm x 12mm	
Dimensions - T11 Reader	Height x Width x Depth	115 mm x 70mm x 12mm	
Dimensions - T12 Reader	Height x Width x Depth	86 mm x 86mm x 12mm	
Card Technologies Supported	ISO1443a Mifare	Mifare Classic Mifare Plus Mifare DESFire EV1	
Reading Distance (Maximum)*	T10 Reader	Mifare Classic	up to 55 mm
		Mifare Plus and DESFire EV1	up to 30 mm
	T11/T12 Reader	Mifare Classic	up to 55 mm
		Mifare Plus and DESFire EV1 125 kHz (Multi Technology readers only)	up to 30 mm up to 85 mm
Power Supply	Operating Voltage Range at Reader	9 - 16 Vdc	
	Nominal Current at 13.2 Vdc	85 mA Average	
Data Cable Specifications*	Cable Type	HBUS	Cardax IV
	CAT5E or BELDEN 9842 (24 AWG) BELDEN 9842 (24 AWG)	500 m	200m
Environmental Specifications	Temperature Range	-30° to + 70° C	
	Humidity	95% non-condensing	
	Environmental Protection	IP68	
	Impact Rating	IK07	
	UV Stability	Nil structural degradation for the life of the reader ^	
Compliance Standards	All equipment complies with FCC, CE and C-Tick approvals. Please contact Gallagher for the latest list of approvals.		

* Read range may be reduced when reader is mounted on metal surfaces ^ Prolonged exposure to high UV light environments can cause plastics to discolor * For further cable specifications please refer to the Gallagher Command Centre Connectivity Guide

GALLAGHER PROTECTIVE READER COVER FOR GALLAGHER T SERIES READERS

Dimensions	Gallagher T10	Height: 132 mm	Width: 63 mm	Depth: 18 mm
	Gallagher T11/T12	Height: 131 mm	Width: 111 mm	Depth: 18 mm

GALLAGHER WORLD HEADQUARTERS

Kahikatea Drive, Hamilton 3206
Private Bag 3026, Hamilton 3240
New Zealand

TEL: +64 7 838 9800
EMAIL: sales@security.gallagher.co

REGIONAL OFFICES

New Zealand.....+64 7 838 9800
Americas..... +1 888 430 0770
Asia +852 2910 7912
Australia +61 2 9412 4477
India +91 80 2661 1590
Middle East.....+9615 808728
South Africa +27 11 974 4740
United Kingdom / Europe..... +44 2476 64 1234

Disclaimer: System configuration, network capacities and the volume of system activity affect performance. Please contact Gallagher for advice. In accordance with the Gallagher policy of continuing development, design and specifications are subject to change without notice. Gallagher Group Limited is an ISO 9001:2008 Certified Supplier. Copyright © Gallagher Group Limited 2012. All rights reserved.

