



Product Data Sheet

TP-RDR-100b

T-100 Reader. 3 Covers. 7-foot (2 meters) pigtail

Overview

UTC readers feature simultaneous compatibility with multi-vendor credential technologies - The TP-RDR-100a and TP-RDR-100b Readers are compatible with UTC and HID 125 kHz Proximity, HID Corporate 1000 Proximity. The TP-RDR-200a and TP-RDR-200b Readers are compatible with 13.56 MHz contactless smart card technologies for MIFARE® Card Serial Number (ISO 14443A), MIFARE/DESFire Card Serial Number, and Vicinity Card Serial Number (ISO 15693), including HID iCLASS® Card Serial Number. With this remarkable technology combination, security administrators can now deploy these readers into existing or new facilities or systems.

Supported Card Technologies :

Model TP-RDR-100a and TP-RDR-100b

- UTC ProxLite™, ISO ProxLite, and ProxLite key fobs and tags
- HID 125 kHz ProxCard II, ISOProx II, ProxKey II, ProxCard and Corporate 1000 (custom formats)

Model TP-RDR-200a and TP-RDR-200b

- MIFARE ISO 14443A Card Serial Number (CSN)
- MIFARE/DESFire CSN
- Vicinity ISO 15693 CSN
- HID iCLASS CSN

Read Range

Distances may vary depending on environment.

Model TP-RDR-100a and TP-RDR-100b

- UTC Proximity—up to 8.89 cm
- HID Proximity and Corporate 1000—up to 8.89 cm

Model TP-RDR-200a and TP-RDR-200b

- MIFARE and MIFARE/DESFire—up to 2.54 cm

Ultralight cards not supported

- Vicinity—up to 8.89 cm
- iCLASS—up to 8.89 cm



Standard Features

- Wiegand data output
- Supports UTC and HID Corporation (including Corporate 1000) Proximity, MIFARE CSN (ISO 14443A), MIFARE/DESFire CSN, and Vicinity CSN (ISO 15693) credentials, including HID iCLASS CSN
- Accepts 6-16 VDC power input
- Offers high-reliability, consistent read-range performance, and low-power consumption
- Installs on both metal and non-metal surfaces
- Provides tri-color LED and beep indication for status, alarm, and tamper conditions
- Internal tamper alarm alerts security personnel if the reader is breached

TP-RDR-100b

T-100 Reader. 3 Covers. 7-foot (2 meters) pigtail

Specifications

Colour	Grey, charcoal, and black
Certifications	FCC
	CE
	UL 294
Dimensions (W x H x D)	T-100/T-200: 44,5 mm x 106,7 mm x 25,4 mm
Operating temperature	-35 to 65°C
IP Rating	IP 65
Relative humidity	0 to 95%, non-condensing
Wiring	Wiegand : 5 conductors (minimum)
Cabling distance	Wiegand output : up to 152 m
Credentials	For detailed system compliance specifications, refer to the reader installation guide
Proximity (125 KHz)	ProxLite, ISOProx, key fobs, and tags (Note: Proximity Perfect cards are not supported) (T100)
	Mifare (ISO 14443A) (Mifare Standard, Mifare Light, Mifare Ultra Light, key fobs, and tags (T200)
Vicinity ISO 15693	Infineon My-D 2K-S, 2K-P, 10K-S, 10K-P, SLI-2, key fobs, and tags (T200)

Ordering Information

Part No.	Description
TP-RDR-100a	T-100 Mini-mullion, Standard pigtail, 125 kHz, black*
TP-RDR-100b	T-100 Reader. 3 Covers. 7-foot (2 meters) pigtail

Versatile Security System Compatibility

UTC's TP-RDR-100/200 Wiegand-output models work with all access control systems that use Wiegand-based data communications between 26 and 176 bits. This includes compatibility with UTC's TruPortal, CASI, InfoGraphics, ATS and other product lines.

Optimizing Any Environment

With an optimization technology that adjusts to a wide range of installation environments, these readers are adaptable to just about any application. The reader's design accommodates both metal and non-metal environments, and come in a variety of wall and doorframe models to ensure cardholders experience consistent read-range performance for all types of installations and climates.

Versatile, rugged and backed for life

These readers are available in a compact housing that comes in light gray, charcoal or black. Durable UV-resistant material inhibits discoloration in all types of indoor and outdoor conditions, including direct sunlight. The readers also feature advanced electronics and circuitry, and they are sealed for protection against inclement weather. Combine all this protection with a lifetime warranty, and any organization can confidently expect years of exemplary reader performance.

While the readers include powerful electronics for superior read-range performance with any technology, they also meet 6-16 VDC requirements and feature low-level power consumption. With their rugged design and impressive versatility, you can count on GE readers for years of consistent and reliable access-card performance.

