



uTrust TS Reader Family

Mullion, Wall Mount, and Keypad

- **ONE READER, ALL MAJOR CREDENTIALS**
Configurations to support all major formats, from legacy proximity to secure credentials
- **HIGHLY SECURE**
Multiple layers of security based on a certified hardware security element
- **COMMUNICATION FLEXIBILITY**
Provides Wiegand and RS-485 communications for interoperability with most systems
- **INTEROPERABILITY BASED ON OPEN STANDARDS**
Based on strong security without compromising interoperability

Solid Performance Merges with High Security

Identiv's uTrust TS Reader Family is designed to offer system integrators and users robust performance and maximum flexibility. uTrust TS Readers work with system changes and alterations, such as expansion, corporate mergers, or simply the desire to expand and increase a facility's security. From corporate campuses or universities to complex environments, uTrust TS fully supports entire populations of access control users.

In addition to supporting proximity and smart cards, uTrust TS offers compatibility with PLAID, an open standards-based mutual authentication process to access secure card data. Authentication ensures that information is transferred only after the system has determined that both parties in the system are trustworthy and has validated that the data can be transferred securely. PLAID provides a significant enhancement to privacy.

Highly Secure

uTrust TS Readers were designed for security from the start, built around the most advanced EAL 5+ certified Secure Access Module (SAM). All keys are securely managed and stored in SAM; all configurations and updates are signed and validated to preserve security.

Interoperability

The uTrust TS Reader architecture is based upon secure open standards, enabling communication with other platforms, devices, and credentials..

Keypad

For projects that require strong two-factor authentication, Identiv offers the uTrust TS Keypad Reader. The weatherproof design provides complete key area illumination for evening use and vandal-resistant metal keycaps for extra-long life. The PIN pad supports the most popular data structures to the controller.

Specifications

	TS MIGRATION READER	TS MIGRATION READER	TS MIGRATION KEYPAD
MODEL NUMBER	8010	8110	8210
MOUNTING	Mullion	Wall Mount	Keypad
CARRIER FREQUENCIES	125 kHz/13.56 MHz		
OUTPUT	Wiegand or RS-485 (2 wire)		
CURRENT CONSUMPTION @ 12 V	100 mA Average 133mA Peak	97 mA Average 114mA Peak	110mA Average 155mA Peak
POWER SUPPLY	5 to 16 VDC		6 to 16 VDC
PRODUCT WEIGHT	141 g (4.97 oz) ±5%	290 g (10.23 oz) ±5%	310 g (10.93 oz) ±5%
DIMENSIONS	11.8 x 4.3 x 2.8 cm (4.6 x 1.7 x 1.1 in)	11.8 x 7.8 x 2.8 cm (4.6 x 3.1 x 1.1 in)	11.8 x 7.8 x 2.8 cm (4.6 x 3.1 x 1.1 in)
COLOR	Black		
HOUSING MATERIAL	UL94 Polycarbonate		
OPERATING TEMPERATURE	-35° to 66°C (-31° to 149°F)		
STORAGE TEMPERATURE	-35° to 85° C (-31° to 185°F)		
OPERATING HUMIDITY	5 to 95% relative humidity (non-condensing)		
CONNECTION	Pigtail or Terminal Strip		Terminal Strip
STATUS INDICATOR	RGB LED, Buzzer		
FIRMWARE UPGRADE VIA	RS-485		
CABLE DISTANCE	Wiegand 152 m/500 ft (22 AWG wire), RS-485 1200 m**/4000 ft** (24 AWG shielded twisted pair)		
LOW FREQUENCY CARD COMPATIBILITY (125 KHZ)	HID®, Indala®, Casi Rusco®, AWID, Farpointe®, others	HID®, Indala®, Casi Rusco®, AWID, Farpointe®, others	
HIGH FREQUENCY CARD COMPATIBILITY (13.56 MHZ)	uTrust, PIV, PIV-I, CAC, TWIC, MIFARE Classic, DESFire EV1, PLAID [AS 5185-2010], ISO15693 UID, ISO14443A/B UID		
READ RANGE	High Frequency (13.56 MHz) Java Cards: Up to 4 cm/1.6 in MIFARE Classic: Up to 6 cm/2.4 in DESFire EV1: Up to 6 cm/2.4 in Low Frequency (125 kHz): Up to 7 cm (2.8 in)		
CERTIFICATIONS	FCC, UL 294, CE, IC, C-Tick, RoHS2, REACH, GSA		
ENVIRONMENTAL PROTECTION	IP55 Terminal Models, IP65 Pigtail Models		
WARRANTY	Limited lifetime		

Technical data is subject to change without notice.

* Please reference complete part number list for terminal strip/pigtail model number.

** Tested in lab conditions up to 115 Kbaud.

Identiv, Inc. (NASDAQ: INVE) is the leading global player in physical security and secure identification. Identiv's products, software, systems, and services address the markets for physical and logical access control and a wide range of RFID-enabled applications. Customers in the government, enterprise, consumer, education, healthcare, and transportation sectors rely on Identiv's access and identification solutions. Identiv's mission is to secure the connected physical world: from perimeter to desktop access, and from the world of physical things to the Internet of Everything.

Identiv has offices worldwide. Addresses and phone numbers are listed at identiv.com/contact. For more information, visit identiv.com or email sales@identiv.com.

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