



## 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 proximity and smart cards, uTrust TS Readers support TS Cards, highly secure standards-based credentials. Strong 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.

### 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 ADVANCED READER	TS MIGRATION READER	TS PROXIMITY READER	TS PROXIMITY READER	TS ADVANCED READER	TS MIGRATION READER	TS MIGRATION KEYPAD
MODEL NUMBER	8000	8010	8020	8120	8100	8110	8210
MOUNTING	Mullion			Wall Mount			Keypad
CARRIER FREQUENCIES	13.56 MHz	125 kHz/13.56 MHz	125 kHz	125 kHz	13.56 MHz	125 kHz/13.56 MHz	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)	N/A	HID®, Indala®, Casi Rusco®, AWID, Farpointe®, others		HID®, Indala®, Casi Rusco®, AWID, Farpointe®, others		HID®, Indala®, Casi Rusco®, AWID, Farpointe®, others	
HIGH FREQUENCY CARD COMPATIBILITY (13.56 MHZ)	uTrust TS Cards, PIV, PIV-I, CAC, TWIC, MIFARE Classic, DESFire EV1, PLAID [AS 5185-2010], ISO 15693 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						
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](http://identiv.com/contact). For more information, visit [identiv.com](http://identiv.com) or email [sales@identiv.com](mailto:sales@identiv.com).

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