



uTrust TS Readers

Mullion, Wall Mount, and Keypad

- **ONE READER, ALL MAJOR CREDENTIALS**
Supports all major formats, including proximity, smart cards, and secure credentials
- **SCALABLE MIGRATION**
Future-proof design permits planning, implementation, and changing of technology plans
- **COMMUNICATION FLEXIBILITY**
Offering Wiegand and RS-485 communications, supported by most systems
- **INTEROPERABILITY BASED ON SECURE OPEN STANDARDS**
Based on strong security without compromising interoperability

Solid Performance Merges with High Security

Identiv's uTrust TS is a family of readers designed to offer system integrators and users robust performance and maximum card technology 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 government environments, uTrust TS fully supports entire populations of access control users.

In addition to supporting proximity and smart card requirements (MIFARE and DESFire), 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.

Scalable Migration

Technology migration paths are different for every company. Instead of dividing features into multiple models, uTrust TS is designed to take you from wherever you are now to where you want to migrate — all at your own pace, a future-proof platform, and the same reader. Protect your investment by using the most flexible reader in the industry. uTrust TS can be configured for the needs of any system, enabling users to update as needed, accommodating changes in the facility or the security market.

For the convergence of physical access and the corporate network, uTrust TS is ready with remote connectivity. Most importantly, uTrust provides peace of mind, since all keys and certificates reside in an EAL+ certified Secure Access Module (SAM) and cannot be compromised.

Interoperability

The complete reader architecture is based upon secure open standards, which permits 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, including 4 or 8 bit burst or buffered.

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	TS ADVANCED READER	TS MIGRATION READER	TS ADVANCED READER	TS MIGRATION READER	TS MIGRATION KEYPAD
MODEL NUMBER	T10	TM15	T100	TM110	TK110
ORDER NUMBER	8000	8010	8100	8110	8210
MOUNTING	Mullion		Wall Mount		Keypad
CARRIER FREQUENCIES	13.56 MHz	125 kHz/13.56 MHz	13.56 MHz	125 kHz/13.56 MHz	125 kHz/13.56 MHz
OUTPUT	Wiegand, RS485 (2 wire)				
CURRENT CONSUMPTION (@ 12 V)	80 mA Average 110mA Peak		85 mA Average 140mA Peak		110mA Average 155mA Peak
POWER SUPPLY	5 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° C to +66° C/-31° F to +149° F				
STORAGE TEMPERATURE	-35° C to +85° C/-31° F to +185° F				
OPERATING HUMIDITY	5% to 95% relative humidity (non-condensing)				
CONNECTION	Pigtail or Terminal Strip				Terminal Strip
STATUS INDICATOR	LED and Buzzer				
FIRMWARE	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	N/A	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				

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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