



uTrust TS Readers

Mullion, Wall Mount, and Wall Mount Keypad



Identiv's uTrust TS (Touch Secure) Readers are 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, they fully support 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.

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.

For projects that require strong two-factor authentication, Identiv offers the uTrust TS Wall Mount Keypad Reader. The weather-resistant 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.

One Reader, All Major Credentials

- Styles, configurations, and functionalities to support all major credentials from proximity to secure smart card

Highly Secure

- Multiple layers of security based on a certified hardware security element

Communication Flexibility

- Supports Wiegand or RS-485/OSDP data protocols; RS-485/OSDP enables remote firmware flashing

Interoperability Based on Open Standards

- Based on strong security without compromising interoperability

uTrust TS Mullion Reader Specifications

	TS Mullion HF	TS Mullion HF/LF	TS Mullion LF	TS Mullion HF/LF PoE	TS Mullion HF PoE
Part Numbers	8000ABP0000 8000ABT0000 8000ABPR000 8000ABTR000	8010ABP0000 8010ABT0000 8010ABPR000 8010ABTR000	8020ABP0000 8020ABT0000 8020ABPR000 8020ABTR000	8030ABP0000 8030ABT0000 8030ABPR000 8030ABTR000	8050ABP0000 8050ABT0000 8050ABPR000 8050ABTR000
Current Consumption (@12V)	100 mA Average 133 mA Peak			167 mA Average 211 mA Peak; PoE 48V 68 mA Average 82 mA Peak	
Dimensions	Body: 4.6 in (11.7 cm) H x 1.7 in (4.3 cm) W x 1.1 in (2.8 cm) D				
Product Weight	5 oz. (142 g)				
Connection	Pigtail or Terminal Strip				

uTrust TS Wall Mount Reader Specifications

	TS Wall Mount HF	TS Wall Mount HF/LF	TS Wall Mount LF	TS Wall Mount HF/LF PoE	TS Wall Mount HF PoE
Part Numbers	8100ABP0000 8100ABT0000 8100ABPR000 8100ABTR000	8110ABP0000 8110ABT0000 8110ABPR000 8110ABTR000	8120ABP0000 8120ABT0000 8120ABPR000 8120ABTR000	8130ABP0000 8130ABT0000 8130ABPR000 8130ABTR000	8150ABP0000 8150ABT0000 8150ABPR000 8150ABTR000
Current Consumption (@12V)	97 mA Average 114 mA Peak			167 mA Average 211 mA Peak; PoE 48V 68 mA Average 82 mA Peak	
Dimensions	Body: 4.6 in (11.7 cm) H x 3.1 in (7.8 cm) W x 1.1 in (2.8 cm) D				
Product Weight	10.25 oz (290 g)				
Connection	Pigtail or Terminal Strip				

uTrust TS Wall Mount Keypad Reader Specifications

	TS Wall Mount Keypad HF	TS Wall Mount Keypad HF/LF	TS Wall Mount Keypad LF	TS Wall Mount Keypad HF/LF PoE	TS Wall Mount Keypad HF PoE
Part Numbers	8200ABT0000 8200ABTR000	8210ABT0000 8210ABTR000	8220ABT0000 8220ABTR000	8230ABT0000 8230ABTR000	8250ABT0000 8250ABTR000
Current Consumption (@12V)	110 mA Average 155 mA Peak			167 mA Average 211 mA Peak; PoE 48V 68 mA Average 82 mA Peak	
Dimensions	Body: 4.6 in (11.7 cm) H x 3.1 in (7.8 cm) W x 1.1 in (2.8 cm) D				
Product Weight	10.93 oz (310 g)				
Connection	Terminal Strip				

Common Specifications

	HF	HF/LF	LF	HF/LF PoE	HF PoE
Carrier Frequencies	13.56 MHz	13.56 MHz and 125 kHz	125 kHz	13.56 MHz and 125 kHz	13.56 MHz
Low Frequency (125kHz) Compatibility	N/A	HID ® Prox, Indala ®, CASI-RUSCO®, AWID and others			N/A
High Frequency (13.56MHz) Compatibility	uTrust TS, MIFARE Classic, MIFARE DESFire EVx, ISO15693 UID, ISO14443A UID		N/A	uTrust TS, MIFARE Classic, MIFARE DESFire EVx, ISO15693 UID, ISO14443A UID	
Data Protocol	Wiegand or RS-485/OSDP (2 Wire - Half Duplex) FICAM Ready				
Power Supply	12 VDC or PoE (802.3af)				
Housing Material	UL 94 Polycarbonate, Black				
Operating Temperature	-31 to 149° F (-35 to 66° C)				
Storage Temperature	-31 to 185° F (-35 to 85° C)				
Operating Humidity	5% to 95% relative humidity (non-condensing)				
Status Indicator	RGB LED, Buzzer				
Cable Distance	Wiegand 500 ft (152 m) 18 AWG wire, RS-485 4000 ft (1200 m) 18 AWG shielded twisted pair				
Certifications	FCC, UL 294, CE, IC, RCM, RoHS2, REACH				
Environmental Rating	IP 55				
Warranty	Limited Lifetime				