



uTrust TS SC Contact Readers

FICAM Compatible with Contact Smart Card Support



uTrust TS SC Contact Readers offer world-class security and flexibility for government PACS with an onboard smart card contact reader.

Designed specifically with high-security government applications in mind, Identiv's uTrust TS SC (Smart Card) Contact Readers offer an excellent balance of compliance, interoperability, and security for federal agencies, government contractors, and other mission-critical facilities.

uTrust TS SC Contact Readers are the industry's most flexible and highly secure intelligent door reader endpoints. Using SmartOSTM technology, also found in Identiv's industry-leading line of smart card readers for desktop and mobile devices, uTrust TS SC supports FICAM Card Authentication Key (CAK) and PIV Authentication Key (PAK) certificate checks and reads any PIV-based card with an ISO14443 contactless interface.

Including all of the features of the uTrust TS Government Reader Family with a choice of RS-485 (OSDP) or Wiegand data protocols, uTrust TS SC complies with FIPS 201 and FIPS 140-2, in addition to other international high-security standards.

Available in two options:

TS SC Wall Mount is highly secure and smart card contact capable.

TS SC Keypad supports full Federal Identity, Credential, and Access Management (FICAM)-compliant two-factor authentication.

Two High Security Options

- Keypad supports full FICAM two-factor authentication for high-security zones
- Wall mount provides an added level of security with support for contact reads

Simple FICAM Migration

- Versatile platform transitions seamlessly to certified certificate-based validation systems
- Supports compliance with FIPS 201, FIPS 140-2, and NIST SP800-116

Interoperability and Flexibility

- Supports PIV, PIV-I, CIV, CAC, PLAID, DESFire, MIFARE, ISO UID, and proximity
- Reads both contactless and contact interfaces in a slim, single-gang housing

Easy Install and Upgrade

- Supports Wiegand and OSDP data protocols
- Allows firmware, feature updates, and configurations to be pushed using RS-485/OSDP

Specifications

TS SC Wall Mount
TS SC Keypad

Model Number	8116ABP (Pigtail) 8116ABT (Terminal)	8216ABP (Pigtail) 8216ABT (Terminal)
Description	TS Wall Mount Reader with Smart Card Contact Reader	TS Keypad Reader with Smart Card Contact Reader
Carrier Frequencies	13.56MHz and optional 125 kHz	
Connection	Wiegand, RS485/OSDP (2 Wire - Half Duplex)	
Current Consumption (@ 12V)	95mA Average 125mA Peak	110mA Avera 150mA Peak
Power Supply	5 to 12 VDC	
Dimensions	5.0 x 3.4 x 1.3 in (12.7 x 8.6 x 3.3 cm)	5.0 x 3.4 x 1.3 in (12.7 x 8.6 x 3.3 cm)
Product Weight	9.6 OZ (272g)	
Housing Material	Polycarbonate (UL94)	
Operating Temperature	32 to 120°F (0 to 49°C)	
Storage Temperature	-31 to 185°F (-35 to 85°C)	
Operating Humidity	5% to 85% relative humidity (non-condensing)	
Connection	Pigtail, Terminal	
Status Indicator	RGB LED, Buzzer	
Cable Distance (22 AWG Wire Gauge)	Wiegand 152 m/500 ft (22 AWG wire), RS-485 1200 m/4000 ft (24 AWG shielded twisted pair)	
Low Frequency Compatibility	HID® Prox, Indala®, Casi Rusco®, AWID, Farpointe® and others	
High Frequency Compatibility	PIV, PIV-I, CAC, TWIC, CIV, MIFARE Classic, DESFire, PLAID [AS 5185-2010], ISO15693 UID, ISO14443A/B UID	
Certifications	FCC, UL 294, UL1076, CE, IC, RoHS2, REACH	
Warranty	Two (2) Years	