



# uTrust TS Contact Smart Card (SC) Readers

## FICAM Compatible with Contact Smart Card Support



uTrust TS Contact SC 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 Contact Smart Card (SC) 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 SmartOS™ 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 credential.

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 Readers comply with FIPS 201 and FIPS 140-2, in addition to other international high-security standards.

### Available in two options:

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

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

### High Security Options

- Wall Mount SC provides an alternate high-security interface for contact smart card reads
- Wall Mount Keypad SC supports full FICAM two-factor authentication for high-security zones

### 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 standard gang box housing

### Easy Install and Upgrade

- Supports Wiegand and RS-485/OSDP data protocols
- RS-485/OSDP enables remote firmware flashing and feature and configuration updates

# Specifications

**TS Wall Mount SC**
**TS Wall Mount Keypad SC**

<b>Part Numbers</b>	8106ABP0000	8116ABP0000	8206ABP0000	8216ABP0000
	8106ABPF000	8116ABPF000	8206ABPF000	8216ABPF000
	8106ABPR000	8116ABPR000	8206ABPR000	8216ABPR000
	8106ABT0000	8116ABT0000	8206ABT0000	8216ABT0000
	8106ABTF000	8116ABTF000	8206ABTF000	8216ABTF000
	8106ABTR000	8116ABTR000	8206ABTR000	8216ABTR000
<b>Description</b>	TS Wall Mount with Contact Smart Card Reader		TS Wall Mount Keypad with Contact Smart Card Reader	
<b>Carrier Frequencies</b>	13.56 MHz only or 13.56 MHz and 125 kHz			
<b>Data Protocol</b>	Wiegand, RS-485/OSDP (2 Wire - Half Duplex)			
<b>Current Consumption (@ 12V)</b>	95mA Average 125mA Peak		110mA Average 150mA Peak	
<b>Power Supply</b>	12 VDC			
<b>Dimensions</b>	5.0 x 3.4 x 1.3 in (12.7 x 8.6 x 3.3 cm)			
<b>Product Weight</b>	9.6 oz (272g)			
<b>Housing Material</b>	UL94 Polycarbonate			
<b>Operating Temperature</b>	32 to 120°F (0 to 49°C)			
<b>Storage Temperature</b>	32 to 140°F (0 to 60°C)			
<b>Operating Humidity</b>	5% to 85% relative humidity (non-condensing)			
<b>Connection</b>	Pigtail or Terminal			
<b>Status Indicator</b>	RGB LED, Buzzer			
<b>Cable Distance</b>	Wiegand 500 ft/152 m (18 AWG wire), RS-485 4000 ft/1200 m (18 AWG shielded twisted pair)			
<b>Low Frequency (125 kHz) Compatibility</b>	HID® Prox, Indala®, Casi Rusco®, AWID, and others			
<b>High Frequency (13.56 MHz) Compatibility</b>	PIV, PIV-I, CIV, CAC, TWIC, uTrust TS, MIFARE Classic, MIFARE DESFire EVx, ISO15693 UID, ISO14443A UID			
<b>Certifications</b>	FCC, UL 294, UL1076, CE, IC, RoHS2, REACH, GSA			
<b>Warranty</b>	Two (2) Years			