



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, Hirsch'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 Readers are the industry's most flexible and highly secure intelligent door reader endpoints. Using SmartOS™ technology, also found in Hirsch'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 offering 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 and Flexibility

- 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, ISO14443 & 15693 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 Wallmount SC HF	TS Wallmount SC HF/LF	TS Wallmount Keypad SC HF	TS Wallmount Keypad SC HF/LF
Part Numbers	8106ABP0000 8106ABPF000 8106ABPR000 8106ABT0000 8106ABTF000 8106ABTR000	8116ABP0000 8116ABPF000 8116ABPR000 8116ABT0000 8116ABTF000 8116ABTR000	8206ABP0000 8206ABPF000 8206ABPR000 8206ABT0000 8206ABTF000 8206ABTR000	8216ABP0000 8216ABPF000 8216ABPR000 8216ABT0000 8216ABTF000 8216ABTR000
Description	TS Wallmount Contact Smart Card Reader		TS Wallmount Keypad Contact Smart Card Reader	
Carrier Frequencies	13.56 MHz	13.56 MHz and 125 kHz	13.56 MHz	13.56 MHz and 125 kHz
Low Frequency (125 kHz) Compatibility	HID® Prox, Indala®, Casi Rusco®, AWID, and others			
High Frequency (13.56 MHz) Compatibility	PIV, PIV-I, CIV, CAC, TWIC, uTrust TS, MIFARE Classic, MIFARE DESFire EVx, ISO15693 UID, ISO14443A UID			
Current Consumption (@12V)	95mA Average 125mA Peak		110mA Average 150mA Peak	
Power Supply	12 VDC			
Dimensions	5.0 x 3.4 x 1.3 in (12.7 x 8.6 x 3.3 cm)			
Weight	9.6 oz (272g)			
Housing Material	UL94 Polycarbonate			
Operating Temperature	32 to 120°F (0 to 49°C)			
Storage Temperature	32 to 140°F (0 to 60°C)			
Operating Humidity	5% to 85% relative humidity (non-condensing)			
Connection	Pigtail or Terminal			
Status Indicator	RGB LED, Buzzer			
Data Protocols	Wiegand RS-485/OSDP (2 wire - Half Duplex)			
OSDP Baud Rate/Address	115,200 kbps; Address 0, Address 1 (P1.1 to P1.4 jumper)			
Certifications	FCC, UL 294, CE, IC, RCM, RoHS2, REACH, UKCA, GSA APL			
Environmental Rating	IP53			
Warranty	Two (2) Years			



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