

uTrust TS FICAM Reader Family

Mullion, Wall Mount, Keypad, and ScramblePad



- **FICAM MIGRATION**
 Versatile platform with full range of FIPS 201 approved products
- **ONE READER, ALL MAJOR CREDENTIALS**
 Supports PIV, PIV-I, CIV, CAC, with available support for legacy credentials
- **CERTIFICATE CHECKING AT THE DOOR**
 Fast, usable, FICAM-compliant card authentication key (CAK) validation
- **FEDERAL COMPLIANCE**
 FICAM certified for CAK validation systems (first approved Ethernet reader); enables compliance with FIPS 201, FIPS 140-2, and NIST SP800-116 publications



Government Solutions

Identiv's uTrust TS Government Reader solution offers a complete product family that encompasses both single and dual-factor authentication configurations. uTrust TS Readers offer an excellent balance of compliance, interoperability, and security for federal agencies, governmental contractors, and other facilities.



Solid Performance Merges with High Security

The uTrust TS Government Reader is the industry's most flexible and highly secure intelligent door reader endpoint. It enables agencies to deploy a highly secure U.S. government FICAM card authentication key (CAK) at a fraction of the cost of competing solutions. The reader supports and reads any PIV-based card with an ISO14443 contactless interface and a CAK certificate.

The uTrust TS Government Reader Family includes all of the features of uTrust TS Readers with a choice of RS-485 (OSDP) or Wiegand with support for Power over Ethernet (PoE), making it one of the most advanced edge door readers on the market. The reader complies with FIPS 201 and FIPS 140-2, in addition to other international high-security standards

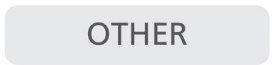
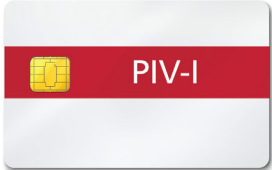
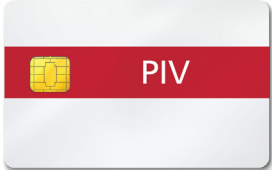
Keypad

For projects that require strong two-factor authentication, Identiv offers the choice between uTrust TS Keypad or uTrust TS ScramblePad Readers.

uTrust TS Keypad offers a weatherproof design with complete key area illumination for evening use and vandal-resistant keycaps for long life. The PIN pad supports the most popular data formats to the controller.

uTrust TS ScramblePad combines the uTrust TS Reader's FICAM performance with the patented Hirsch ScramblePad. Federal agencies that have relied on the unique, high-security features of the ScramblePad for two-factor authentication can continue their use in conjunction with CAK authentication. Since the TS ScramblePad supports Wiegand, RS-485, and PoE, it's compatible with most legacy controllers.

GOVERNMENT EMPLOYEE AND CONTRACTOR BADGES



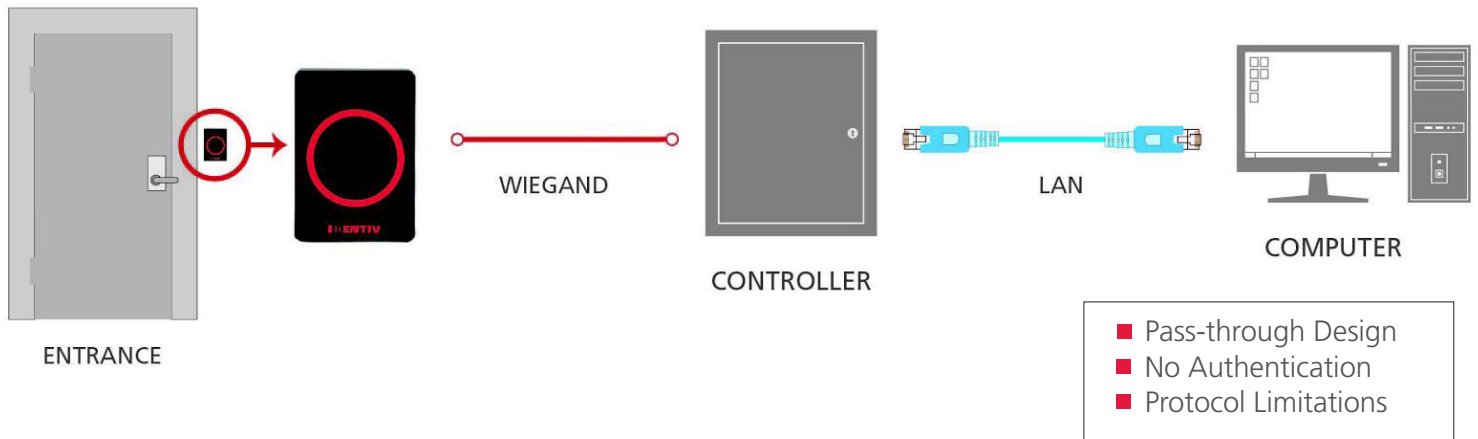
VISITOR MANAGEMENT



The uTrust TS Government Reader Family is a perfect solution to support your U.S. government employee badges, as well as visitor management credentials.

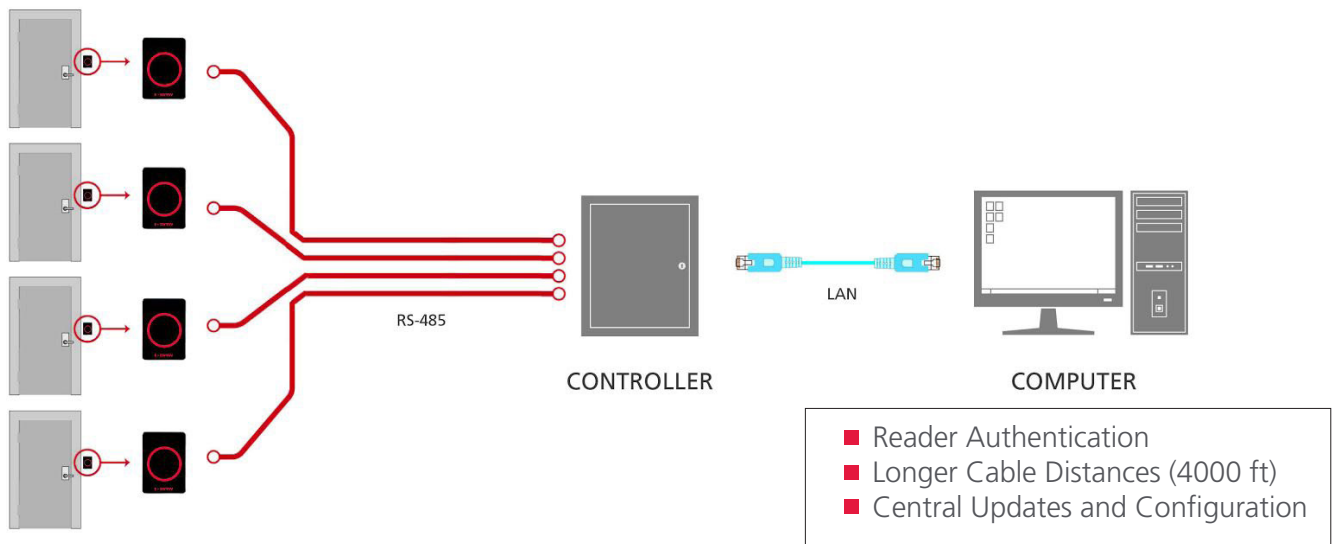
WIEGAND

Identiv's uTrust TS Government Reader solutions offer an excellent migration plan for existing Wiegand-based systems. These readers are a direct replacement for existing Wiegand card readers enabling a seamless transition to RS-485 communication for FICAM validation.



VALIDATION ARCHITECTURE | RS-485 (OSDP)

The uTrust TS Government Readers are the industry's most flexible and highly secure intelligent door reader endpoint. They enable agencies to deploy a highly secure U.S. government FICAM card authentication key (CAK) at a fraction of the cost of competitive solutions.



STRUCTURED CABLING

Structured cabling offers an integral power source and simpler maintenance overhead. With network connectivity, centralized reader management eliminates servicing individual readers and provides the ability to evolve installed reader capabilities as needs change and new capabilities are made available.

- Reader Authentication
- PoE
- Advanced Protocols
- Central Updates and Configuration
- Lower Deployment Costs

	TS Advanced	TS Network	TS Advanced	TS Network	TS Advanced Keypad	TS Network Keypad	TS ScramblePad
ORDER NUMBER	8002	8032	8102	8132	8202	8232	8332
MOUNTING	Mullion		Wall Mount		Keypad		ScramblePad
CARRIER FREQUENCIES	13.56 MHz and optional 125 KHz						
CONNECTION	Wiegand, RS485 (OSDP)	Wiegand, RS485 (OSDP), RJ-45 (PoE)	Wiegand, RS485 (OSDP)	Wiegand, RS485 (OSDP), RJ-45 (PoE)	Wiegand, RS485 (OSDP)	Wiegand, RS485 (OSDP), RJ-45 (PoE)	Wiegand, RS485 (OSDP), RJ-45 (PoE)
CURRENT CONSUMPTION (@ 12 V)	100 mA Average 133 mA Peak	167 mA Average 211 mA Peak	97 mA Average 114 mA Peak	172 mA Average 202 mA Peak	110 mA Average 155 mA Peak	180 mA Average 255 mA Peak	355mA Average 425mA Peak
POWER SUPPLY	5 to 16 VDC	6 to 16 VDC, PoE (802.3af)	5 to 16 VDC	6 to 16 VDC, PoE (802.3af)	5 to 16 VDC	6 to 16 VDC, PoE (802.3af)	7 to 16 VDC, PoE (802.3af)
PRODUCT WEIGHT	141 g (4.97 oz) +-5%		290 g (10.23 oz) +-5%				907 g (2 lbs)
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)				11.4 x 8.9 x 10.1 cm (4.5 x 3.5 x 3.9 in)
COLOR	Black						
HOUSING MATERIAL	Polycarbonate (UL94)						
OPERATING TEMPERATURE	-35° to 66°C (-31° to 149°F)						-20° to 60°C (0° to 140°F)
STORAGE TEMPERATURE	-35° to 85°C (-31° to 185°F)						-20° to 60° C (0° to 140° F)
OPERATING HUMIDITY	5% to 95% relative humidity (non-condensing)						
CONNECTION	Pigtail, Terminal Strip, and optional Ethernet (PoE)						
STATUS INDICATOR	RGB LED, Ethernet link activity, Buzzer						
CABLE DISTANCE (22 AWG WIRE)	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, CE, IC, RCM, RoHS2, REACH						
ENVIRONMENTAL	IP55 Terminal Models, IP65 Pigtail Models				IP55		N/A
WARRANTY	5 Years						2 Years
FICAM CERTIFICATION	FICAM certified (check FICAM APL for approved model numbers)						N/A

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.

Technical data is subject to change without notice.

Copyright © 2016 Identiv, Inc. | All rights reserved. This document is Identiv public information.

Revision/Date of Release: 2016-10-28

identiv.com