uTrust TS Network Reader Family
Mullion, Wall Mount, and Keypad

■ **ENTERPRISE NETWORK CONNECTIVITY**
Ethernet, Wiegand, and RS-485 support for maximum interoperability with legacy and networked systems

■ **ONE READER, ALL MAJOR BUILDING ACCESS CREDENTIALS**
Supports all major formats, from legacy proximity to secure credentials

■ **SCALABLE MIGRATION**
Multiple layers of security based on a certified hardware security element

■ **INTEROPERABILITY BASED ON SECURE OPEN STANDARDS**
Based on strong security without compromising interoperability

Solid Performance Merges with High Security

Identiv's uTrust TS Network Reader Family is 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, uTrust TS fully supports entire populations of access control users.

The uTrust TS Network Reader includes all of the features of the uTrust TS Advanced and Migration Readers, with an additional on board Ethernet controller and support for Power over Ethernet (PoE), making it one of the most advanced edge door readers on the market. 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.

Highly Secure

uTrust TS Network 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.

Keypad

For projects that require strong two-factor authentication, Identiv offers the uTrust TS Network Keypad Reader. The weatherproof 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 or local PIN on card verification.

Specifications

	TS NETWORK READERS (MULLION)	TS NETWORK READER (WALL MOUNT)	TS NETWORK READER (KEYPAD)	TS SCRAMBLEPAD
MODEL NUMBER	TN30	TN130	TK230	TK235
ORDER NUMBER	8030	8130	8230	8235
MOUNTING	Mullion	Wall Mount	Wall Mount	Hirsch ScramblePad Box
CARRIER FREQUENCIES	125 kHz/13.56 MHz			
OUTPUT	Wiegand or RS-485 (OSDP) RJ-45 Ethernet (PoE)			
CURRENT AND WATTAGE CONSUMPTION	167 mA Average 211 mA Peak	172 mA Average 202 mA Peak	180 mA Average 255 mA Peak	355 mA Average 425 mA Peak
POWER SUPPLY	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	UL94 Polycarbonate			
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	Structure Cabling (RJ45) for Ethernet and Optional Terminal Strip for Wiegand and RS-485 Structure Cabling (RJ45) for Ethernet and Terminal Strip for Wiegand and RS-485			
STATUS INDICATOR	RGB LED, Ethernet link activity LED, buzzer			
FIRMWARE UPGRADE VIA	RS-485 or Ethernet			
CABLE DISTANCE	Wiegand 152 m/500 ft (22 AWG wire), RS-485 1200 m/4000 ft (24 AWG shielded twisted pair) tested with the specified cable under lab conditions			
LF CARD COMPATIBILITY (125 KHZ)	HID®, Indala®, Casi Rusco®, Farpointe® and many others			
HF CARD COMPATIBILITY (13.56 MHZ)	uTrust TS Cards, PIV, PIV-I, CAC, MIFARE Classic, DESFire EV1, PLAID [AS 5185-2010], ISO15693 UID, ISO14443A/B UID			
CERTIFICATIONS	FCC, UL 294, CE, IC, C-Tick, RoHS2, REACH			
ENVIRONMENTAL PROTECTION	IP55	IP55	IP55	N/A
WARRANTY	Limited lifetime			2 years

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.