



Hirsch TS ScramblePad Reader Family

TS ScramblePad Enterprise, TS ScramblePad FICAM Migration, TS ScramblePad FICAM-Only

- **HIGH SECURITY AND FLEXIBILITY**
 Combines the world’s most secure PIN code entry device with the world’s most flexible card reader
- **ONE READER, ALL MAJOR CREDENTIALS**
 Supports PIV, PIV-I, CIV, CAC, PLAID, legacy credentials (DESFire, MIFARE, UID), and proximity
- **FICAM MIGRATION**
 Versatile platform that transitions seamlessly and simultaneously for certified validation systems
- **COMPATIBLE WITH ALL SYSTEMS**
 Wiegand, RS-485, OSDP, and Power over Ethernet (PoE)
- **DOWNLOADABLE UPGRADES**
 Download firmware and feature updates and changes over the OSDP connection

Trusted, Versatile, Secure

Identiv’s Hirsch TS ScramblePad Reader Family are high-security access control products that provide keypad functionality and a contactless card reader for two-factor authentication. The ScramblePad design is specified in many of the world’s most secure locations due to its high-security scramble feature that randomly orders the digits each time the “START” button is pressed or a card requiring a PIN is presented. The random scrambling prevents the acquisition of a user code via pattern recognition and also prevents keypad wear that leaves a tell-tale impression of the numbers used in a valid PIN. This feature is further enhanced by the use of viewing restrictors that narrow the field of vision; only the person directly facing the ScramblePad can see the presented digits.

The TS ScramblePad includes a uTrust TS Reader module, creating a versatile platform that is interoperable with the balance of the uTrust TS Reader family, reading the most popular card technologies, and migrating users into next-generation requirements.

TS ScramblePad Readers are approved by GSA for use in FIPS201/FICAM environments, and are a direct replacement for legacy ScramblePads, using the same ScramblePad mounting boxes and wiring to controllers.

Features

- Industry’s most flexible and highly secure intelligent door reader endpoint
- Enables agencies to migrate to U.S. government FICAM card authentication (CAK) validation at a fraction of the cost
- Offers a choice of RS-485 (OSDP) or Ethernet (PoE), with legacy Wiegand support
- Option for agencies currently using Hirsch MATCH
- RS-485 version supports unique bi-directional ScramblePad features

MODEL	FEATURES
TS ScramblePad Enterprise	<ul style="list-style-type: none"> • Support for the widest range of popular card credentials • Includes PIV, PIV-I, and CAC FASC-N • Wiegand or RS-485
TS ScramblePad FICAM Migration	<ul style="list-style-type: none"> • FICAM-certified CAK authentication • Full support for legacy credentials • RS-485
TS ScramblePad FICAM-Only	<ul style="list-style-type: none"> • FICAM-certified CAK authentication only • RS-485

	TS ScramblePad Enterprise	TS ScramblePad FICAM Migration	ScramblePad FICAM-Only
Order Number	8332ABT0000	8332ABTF000	8332ABTFF00
Description	ScramblePad with TS Reader (Commercial and Government non-FICAM Systems)	ScramblePad with TS Reader (FICAM Systems with Legacy Credential Support)	ScramblePad with TS Reader (FICAM Systems - Strict Credential Compliance)
Illumination Models	Adjustable with configuration		
Carrier Frequencies	125 kHz/13.56 MHz		
Reader Output	Wiegand, RS-485 (two-wire), Ethernet (PoE)	RS-485 (2 wire), Ethernet (PoE)	
Current Consumption (@ 12 V)	150 mA average/230 mA peak		
Power Supply	5 - 16 VDC/PoE (802.3af)		
Product Weight	141 g (4.97 oz) ±5%		
Dimensions	Face: 5.75 (H) x 4.37 (W) in (14.6 x 11.1 cm) Body: 4.5 (H) x 3.5 (W) x 1.75 (D) in (11.43 x 8.89 x 4.4 cm)		
Color	Black		
Operating Temperature	35 to 65°C (-31 to 149°F)		
Storage Temperature	-35 to 85°C (-31 to 185°F)		
High Frequency Compatibility	PIV, PIV-I, CAC, MIFARE, DESFire EV1, PLAID, ISO15693, ISO14443A/B UID		PIV, PIV-I, CAC
Low Frequency Compatibility	HID Prox, Indala, Casi Rusco, AWID, Farpointe, and others		None
Operating Humidity	5% to 95% relative humidity (non-condensing) Structure Cabling (RJ45) for Ethernet and Optional Terminal Strip* for Wiegand and RS485		
Connection	Structure Cabling (RJ45) for Ethernet and Terminal Strip* for Wiegand and RS485 RGB LED, Ethernet link activity LED, Buzzer		
Certifications	FCC, UL, CE, IC, RCM, RoHS2, REACH		
FICAM Certifications	No	Yes	
Warranty	Two Years		
Mounting Boxes	YMB1 - Flush Mount, MB2 - Surface Mount, MB25 - Shallow, MB25L - Sloped (ADA), MB3 - HD Flush, MB4 - HD Surface, MB5 - Exterior HD Surface, MB9 - HD Sloped, MB20 - HD Combo Surface		

Identiv, Inc. (NASDAQ: INVE) is a global provider of 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.

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