



Hirsch ScramblePad Reader Family

TS ScramblePad, ScramblePad TS, and ScramblePad

- **HIGH SECURITY AND FLEXIBILITY**
 A complete family of keypad and keypad/reader combinations offering secure digit scrambling for high-security buildings
- **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, Ethernet, and Hirsch

Trusted, Versatile, Secure

Identiv's Hirsch ScramblePad Reader Family are access control products that provide high-security keypad functionality, offering keypad only or keypad/reader combinations for two-factor authentication. The ScramblePad design can be found 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. 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 and ScramblePad TS models are combined with Identiv's uTrust TS Reader module, creating a versatile platform that is interoperable with the balance of the uTrust TS family, reading the most popular card technologies, and migrating users into next-generation requirements.

MODEL	FEATURES
TS ScramblePad	<ul style="list-style-type: none"> Industry's most flexible and highly secure intelligent door reader endpoint Enables agencies to deploy a 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, making it one of the most advanced edge door readers Offers 8236 for agencies currently using RS-Hirsch and not ready for FICAM, including an interface module (power and data)
ScramblePad TS	<ul style="list-style-type: none"> Offers complete low- and high-frequency card compatibility with the industry's most popular card technologies Features a built-in match board, interfacing with all RS-HIRSCH systems.
ScramblePad	<ul style="list-style-type: none"> Keypad-only design for PIN-only building access

	TS ScramblePad	ScramblePad TS	ScramblePad
Order Number	8235 8236 (RS-Hirsch kit)	DS47L-SSP-TS	DS47L
Description	ScramblePad with TS Reader (FICAM and Wiegand systems)	ScramblePad with TS Reader (RS-Hirsch Systems)	ScramblePad only
Illumination Models	Adjustable with configuration	DS47L-SSP-TS-HL (high int. orange) DS47L-SSP-TS-HI (high int. white)	DS47L-HL (high int. orange) DS47L-HI (high int. white)
Carrier Frequencies	125 kHz/13.56 MHz		N/A
Reader Output	Wiegand, RS485 (two-wire), Ethernet (10 base T)	RS485 (RS-Hirsch)	
Current Consumption (@ 12 V)	150 mA average/230 mA peak	155 mA average/240 mA peak	125 mA average/175 mA peak
Power Supply	5-16 VDC/PoE (802.3af)	5-16 VDC	5-16 VDC
Product Weight	141 g (4.97 oz) ±5%	290 g (10.23 oz) ±5%	290 g (10.23 oz) ±5%
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)	11.8 x 7.8 x 2.8 cm (4.6 x 3.1 x 1.1 in)
Color	Black		
Housing Material	Housing Material		
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		N/A
Low Frequency Compatibility	HID Prox, Indala, Casi Rusco, AWID, Farpoinde, and others		N/A
Operating Humidity	5% to 95% relative humidity (non-condensing)		
Connection	Structure cabling (RJ45) for Ethernet and terminal strip for Wiegand and RS-485 RGB LED, Ethernet link activity LED, Buzzer		
Certifications	FCC, UL, CE, IC, RCM, RoHS2, REACH		
FICAM Certifications	Yes	No	
Warranty	Two Years		
Mounting Boxes	MB1 - 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.