Hirsch ScramblePad Reader Family for DIGI*TRAC
ScrambleProx, ScrambleSmart, ScrambleSmartProx, 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

■ **COMPATIBLE WITH HIRSCH MATCH SYSTEMS**
Legacy compatibility and performance

Trusted, Versatile, Secure

Identiv's Hirsch ScramblePad Readers for DIGI*TRAC are a family of access control products that provide high-security keypad functionality, offered as a keypad only or keypad/reader combination 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. 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 ScrambleProx, ScrambleSmart, and ScrambleSmartProx models are combined with 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.

MODEL	FEATURES
ScrambleProx	• Offers complete proximity (low-frequency) card compatibility with the industry's most popular card technologies • Features a built-in MATCH board, interfacing with all RS-HIRSCH systems
ScrambleSmart	• Offers complete high-frequency card compatibility with the industry's most popular card technologies • Features a built-in MATCH board, interfacing with all RS-HIRSCH systems
ScrambleSmartProx	• 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	• Keypad-only design for PIN-only building access

	ScrambleProx	ScrambleSmart	ScrambleSmartProx	ScramblePad
Order Number	DS47L-SPX-TS	DS47L-SS-TS	DS47L-SSP-TS	DS47L
Description	ScramblePad with Prox Reader	ScramblePad with TS HF Reader	ScramblePad with TS HF + Prox Reader	ScramblePad only
Illumination Models	DS47L-SPX-TS (standard) DS47L-SPX-TS-HL (high int. orange)	DS47L-SS-TS (standard) DS47L-SS-TS-HL (high int. orange)	DS47L-SSP-TS (standard) DS47L-SSP-TS-HL (high int. orange)	DS47L (standard) DS47L-HL (high int. orange)
Carrier Frequencies	125 kHz	13.56 MHz	125 kHz/13.56 MHz	N/A
Reader Output	Hirsch MATCH			
Current Consumption (@ 12 V)	155 mA Average 240 mA Peak			125 mA Average 175 mA Peak
Power Supply	5 - 16 VDC			
Product Weight	290 g (10.23 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 2.0 (D) in (11.43 x 8.89 x 5.1 cm)			Face: 5.75 (H) x 4.37 (W) in (14.6 x 11.1 cm) Body: 4.5 (H) x 3.5 (W) x 1.5 (D) in (11.4 x 8.9 x .38 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			N/A
Low Frequency Compatibility	HID Prox, Indala, Casi Rusco, AWID, Farpointe, and others			N/A
Operating Humidity	5% to 95% relative humidity (non-condensing)			
Connection	RS-HIRSCH			
Certifications	FCC, UL, CE, IC, RCM, RoHS2, REACH			
FICAM Certifications	No			
Warranty	Two Years			
Mounting Boxes	MB1 - Flush Mount, MB2 - Surface Mount, MB2S - Shallow, MB2SL - 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.

Technical data is subject to change without notice.

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