IDENTIV

Hirsch TS ScramblePad Readers
TS ScramblePad, TS ScramblePad SC

Identiv's signature high-security access control keypad with scramble functionality also features a contactless card reader or contact smart card reader two-factor authentication.

Identiv's 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 Identiv's uTrust TS Reader module, creating a versatile platform that is interoperable with the rest of the uTrust TS Reader offering. They read the most popular credential technologies and enable migration to next-generation requirements. TS ScramblePad Readers are approved by the General Services Administration (GSA) for use in FIPS201/Federal Identity, Credential, and Access Management (FICAM) environments.

The TS ScramblePad SC adds a contact smart card interface for PAK (PIV Authentication Key) support on Federal Government issued ID badges.

High-Security and Flexibility
- Industry's most versatile, highly secure intelligent door reader endpoint
- Combines the world's most secure PIN code entry device with the world's most flexible card reader

Supports All Major Credentials
- PIV, PIV-I, CIV, CAC, PLAID, legacy credentials (DESFire, MIFARE, UID),
- Proximity
- Contact smart card

Easy FICAM Migration
- Versatile platform that transitions seamlessly and simultaneously for certified validation systems
- Enables agencies to migrate to U.S. government FICAM PIV authentication (PAK) and card authentication (CAK) validation at a fraction of the cost

Upgrades Available
- Download firmware and feature updates and changes over the OSDP connection

Hirsch TS ScramblePad Specifications

	TS ScramblePad HF/LF	TS ScramblePad HF	TS ScramblePad HF/LF Commercial (No FICAM)	TS ScramblePad HF Commercial (No FICAM)
Part Numbers	8332ABT0000 8332ABTF000 8332ABTR000	8352ABT0000 8352ABTF000 8352ABTR000	8330ABT0000 8330ABTR000	8350ABT0000 8350ABTR000
Carrier Frequencies	13.56MHz and 125 kHz	13.56MHz	13.56MHz and 125 kHz	13.56MHz
Low Frequency (125kHz) Compatibility	HID® Prox, Indala®, CASI-RUSCO®, AWID, and others	N/A	HID® Prox, Indala®, CASI-RUSCO®, AWID, and others	N/A
High Frequency (13.56MHz) Compatibility	PIV, PIV-I, CIV, CAC, TWIC, uTrust TS, MIFARE Classic, DESFire EVx, ISO15693 UID, ISO14443 UID			
Current Consumption (@12V)	335 mA Average 425 mA Peak; PoE @ 55V 80 mA Peak			
Power Supply	12 VDC or PoE (802.3af)			
Dimensions	Face: 5.75 in (14.6 cm) H x 4.5 in (11.4 cm) W x .625 in (1.6 cm) D Body: 4.5 in (11.4 cm) H x 3.5 in (8.9 cm) W x 1.75 in (4.4 cm) D			
Weight	2 lbs (907 g)			
Housing Material	UL 94 Polycarbonate, Black			
Operating Temperature	32° to 120° F (0° to 49° C)			
Storage Temperature	-31° to 185° F (-35° to 85° C)			
Operating Humidity	5% to 95% relative humidity (non-condensing)			
Connection	Terminal Strip			
Status Indicator	RGB LED, Buzzer			
Data Protocols	Wiegand RS-485/OSDP (2 Wire - Half Duplex)			
OSDP Baud Rate/Address	115,200 kbps; Address 0, Address 1 (P1.1 to P1.4 jumper)			
Mounting Accessories	MB1, MB2, MB2S, MB2SL2, MB3, MB4, MB5, MB5-S, MB8, MB9, UMK, MBX			
Certifications	FCC, UL 294, CE, IC, RCM, RoHS2, REACH, UKCA, GSA APL			
Warranty	Two (2) years			

Hirsch TS ScramblePad SC Specifications

	TS ScramblePad SC HF/LF	TS ScramblePad SC HF
Part Numbers	8336ABT0000 8336ABTF000 8336ABTR000	8356ABT0000 8356ABTF000 8356ABTR000
Carrier Frequencies	13.56MHz and 125 kHz	13.56MHz
Low Frequency (125kHz) Compatibility	HID® Prox, Indala®, CASI-RUSCO®, AWID, and others	N/A
High Frequency (13.56MHz) Compatibility	PIV, PIV-I, CIV, CAC, TWIC, uTrust TS, MIFARE Classic, DESFire EVx, ISO15693 UID, ISO14443 UID	
Current Consumption (@12V)	270 mA Average 300 mA Peak; PoE @ 55V 73 mA Peak	
Power Supply	12 VDC or PoE (802.3af)	
Dimensions	Face: 5.75 in (14.6 cm) H x 4.5 in (11.4 cm) W x .625 in (1.6 cm) D Body: 4.5 in (11.4 cm) H x 3.5 in (8.9 cm) W x 1.75 in (4.4 cm) D	
Weight	2 lbs (907 g)	
Housing Material	UL 94 Polycarbonate, Black	
Operating Temperature	32° to 120° F (0° to 49° C)	
Storage Temperature	-31° to 185° F (-35° to 85° C)	
Operating Humidity	5% to 95% relative humidity (non-condensing)	
Connection	Terminal Strip	
Status Indicator	RGB LED, Buzzer	
Data Protocols	Wiegand RS-485/OSDP (2 Wire - Half Duplex)	
OSDP Baud Rate/Address	115,200 kbps; Address 0, Address 1 (P1.1 to P1.4 jumper)	
Mounting Accessories	MB2, MB5, MB5-S, MB8, MB9, UMK	
Certifications	FCC, UL 294, CE, IC, RCM, RoHS2, REACH, UKCA, GSA APL	
Warranty	Two (2) years	