



AXS S40 – iCLASS SE® PIN / Contactless Reader

This integrated keypad and contactless reader is rated for continuous outdoor use in exposed, unsupervised locations.

Featuring genuine HID® iCLASS SE®, Seos®, contactless technology, this access control keypad offers enhanced security by dual authentication. Authorised access through a secured door or barrier can be gained by entry of a valid PIN and presentation of an authorised 13.56 MHz contactless card, token or Seos® compatible NFC device.



- **ACCESSIBILITY:** Moving tactile keytops, on a standard 19mm pitch, with home key tactile idents, ensure accessibility for those with sensory impairment.
- **SECURITY:** A requirement for both knowledge of a PIN and possession of an associated card (dual authentication) creates an enhanced level of security at primary points of access.
- **FLEXIBILITY:** Dual technology readers can expedite access by accepting just the wave of a card or PIN entry only. The host system can demand both PIN and card to achieve elevated security.
- **RELIABILITY:** AXS S40 and S40i PIN/Contactless readers feature HID® iCLASS® contactless technology encased within a robust, weather resistant STORM AXS keypad. Laboratory tested and field proven, these UL294 certified keypad / readers provide the most durable and reliable system interface.
- **COMPATIBILITY:** Supports multiple technologies including iCLASS SE® Seos®, standard iCLASS®, MIFARE™, and MIFARE DESFire™.
- **COMPLIANCE:** UL294, FCC47CFR15B, CE, RoHS2, Radio Equipment Directive.



Environmental

Operational temperature:	-35°C to +65°C (dry)
Water and dust resistance:	EN60529 IP65
Humidity:	5% to 95% RH non-condensing
UV resistance:	Suitable for continuous outdoor use
Impact resistance:	EN62262 IK09 (10J)
Shock and vibration resistance:	ETSI 6M3

Electrical

Operating Voltage:	5V DC OR 12V DC
Operating Current:	200mA Max

Compatibility

Includes genuine HID technology:	Default security level V1
Accreditation protocols:	iCLASS®, iCLASS SE®, Seos®, Mifare™, DESFire™
RX/TX frequency:	13.56 MHz
Data output format:	Wiegand 26 bit, 32 bit, 34 bit or 40 bit PIN data: 4 or 8 bit burst

Compliance

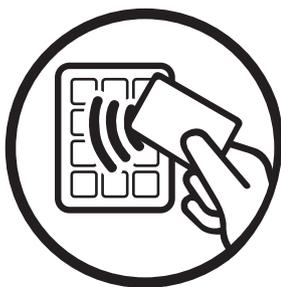
EMC emissions:	CE, European Radio Directive & FCC 47CFR15B
EMC immunity:	IEC62559-2
Security:	UL294 NRTL Certified





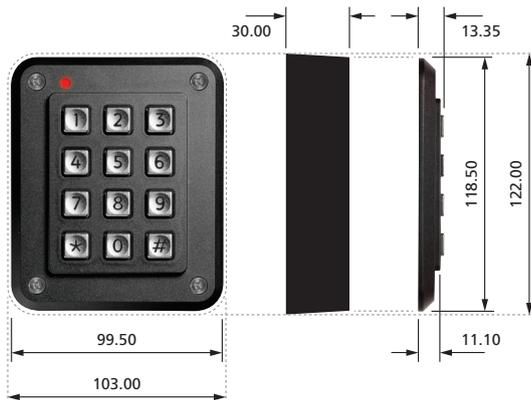
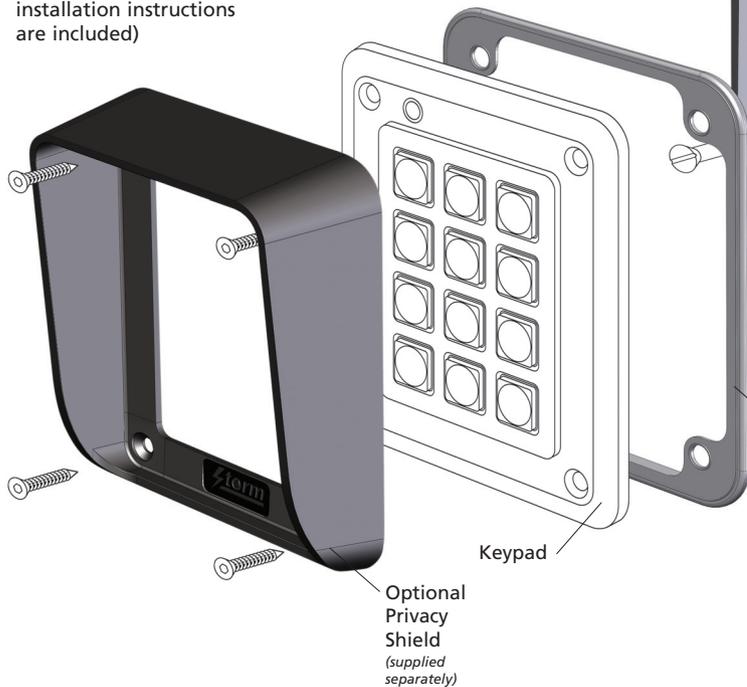
- A - 5V Power Input
- B - BEEP input (active low)
- C - DATA HOLD input (active low - holds card data only)
- D - TAMPER (normally closed)
- E - 0V
- F - 0V
- G - RED LED input (active low)
- H - GREEN LED input (active low)
- I - 12V Power input
- J - Wiegand Data 1 output
- K - Wiegand Data 0 output
- L - TAMPER (normally open)

Either the 12V or 5V power inputs can be used.
If both power supplies are connected, the 12V input takes precedence.

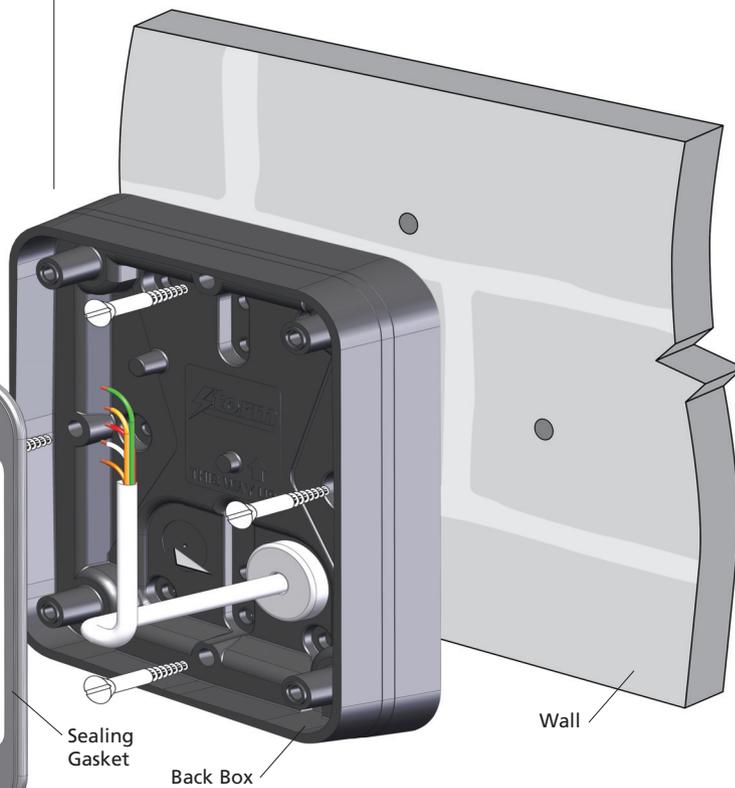


Storm AXS-540 keypad connection details

(Fixing hardware, sealing gaskets and comprehensive installation instructions are included)



All dimensions in mm



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Part Numbers

AXS-S40/S40i

- S40 Keypad with metal keys
- S40i Illuminated Keypad

Accessories

- DS401KT20
- DS402KW20
- PIN Privacy Shield
- 1KFS020



For more information & to order:
www.storm-interface.com

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Designed & produced by NIK Design Ltd
www.nikdesign.co.uk

