Storm AXS
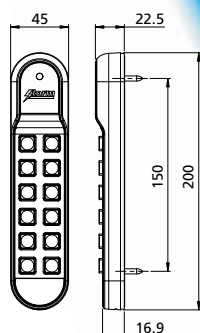### Toughened Access Control Solutions

S60/S60i SERIES

AXS S60/S60i – iCLASS SE®, Seos® PIN / Contactless Reader

This integrated keypad and contactless reader is configured for installation in a door frame or mullion. It's narrow footprint makes it ideal for use where materials surrounding the door frame present an unsuitable fixing surface (polished stone or glass panels for example).

This toughened keypad/reader features chromed metal or illuminated polymer keys with permanently engraved keytop characters. It 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 presentation of an authorised contactless card, token or Seos® compatible NFC device and/or entry of a valid PIN.

All dimensions in mm

45   22.5   150   200   16.9

- **ACCESSIBILITY:** Moving tactile keys, on a standard 19mm pitch, with home key tactile ident, 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 elevated 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.
- **READ RANGE:** Up to 10 cm.
- **RELIABILITY:** AXS S60 PIN/Contactless readers feature HID® 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.

- **AMBIENT ILLUMINATION:** A halo of blue light can be projected onto the surface surrounding the keypad.
- **COMPATIBILITY:** Supports multiple technologies including HID®, iCLASS SE®, Seos®, standard iCLASS®, ISO 15693 CSN, ISO 14443A CSN, MIFARE™, MIFARE DESFire™.

MultiCLASS™ version of these keypads is also offered (see part numbers below).

DOMESTIC   RETAIL   CORPORATE   CIVIC   INDUSTRIAL

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:	12V DC
Operating Current:	400mA Max (fully illuminated)

Compatibility

	ISO: 14443A/B, 15693
Includes genuine HID technology:	Default security level V1 iCLASS®, iCLASS SE®, Seos®, Mifare™, DESFire™
Accreditation protocols:	
RX/TX frequency:	13.56 MHz
Data output format:	Wiegand 26-bit, 32-bit, 37-bit, 56-bit or 64-bit PIN data: 26-bit, 32-bit, 4-bit/8-bit bursts

Compliance

EMC emissions:	CE, European Radio Directive, FCC 47CFR15B, FCC ID 2AEEZ-DS60 & IC29008-DS60
EMC immunity:	IEC62559-2
Security:	UL294 NRTL Certified

GENUINE HID TECHNOLOGY ®

Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.

Products	Part Numbers
AXS S60 Mullion format iCLASS keypad with chromed metal keytops	DS601K20
AXS S60i Mullion format iCLASS keypad with integrated keytop illumination	DS602W20
AXS S60M Mullion format MultiCLASS keypad with chromed metal keytops	DS601K2P
AXS S60iM Mullion format MultiCLASS keypad with integrated keytop illumination	DS602W2P