



Signo 20K

Card and Keypad Reader



Key features

• POWERFULLY SECURE

- Multi-Layered security to ensure data authenticity and privacy
- EAL5+* Certified Secure Element Hardware
- Native OSDP secure channel capability
- Trusted secure authentication using the SIO data model

• MEET EVERY NEED, ADAPT TO ANY SITUATION

- Go mobile with native Bluetooth and NFC support
- Robust outdoor performance with an IP65 rating

• EASY MANAGEMENT

- Easily and securely managed using HID Reader Manager
- Configure via a mobile device or OSDP
- Personalize by configuring audio visual or keypad settings

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2.4 GHz (Bluetooth) Credential Compatibility	Mobile Credentials powered by Seos® (Mobile Access)
13.56 MHz (NFC) Credential Compatibility	HID Card (26bit, H10301) : iCLASS SE®/iCLASS SEOS/HID MIFARE/HID MIFARE DESFire EV1/EV2, Nxp Card (32bit, CSN) : MIFARE Classic
Typical Read Range	iCLASS SE®/iCLASS SEOS/HID MIFARE/HID MIFARE DESFire EV1/EV2, MIFARE Classic & ISO14443A Single Technology Cards - 1.6 to 4 in (4 to 10 cm)
Mounting	Suited for mullion-mount door installations or any flat surface mounting
Color	Black bezel with silver trim baseplate
Keypad	Yes (2 x 6 layout)
Dimensions	1.78" x 4.79" x 0.85" (45 mm x 121.5 mm x 21.5 mm)
Product Weight	Pigtail: 3.88 oz (110 g)
Operating Voltage	12V DC
Current Draw	NSC: 65 mA Peak: 250 mA Max. Avg: 75 mA IPM: 48 mA
Input	Tri-color LED, Buzzer, Hold @ Active Low
Output	Tamper Relay 0-60V DC @ 100mA Max (Dry Contact)
Operating Temperature	-31°F ~ +150°F (-35°C ~ +66°C)
Humidity	0% to 95% non-condensing
Storage Temperature	-40°F ~ +185°F (-40°C ~ +85°C)
Environmental Rating	UL294 Outdoor and Indoor rated, IP65
Transmit Frequency	13.56 MHz, and 2.4 GHz
Communications & Panel Connection	Wiegand and RS-485 Half Duplex (OSDP) via Pigtail (18 in / 0.5 m) or Terminal Strip
Device Management	HID Reader Manager / OSDP configuration
Certifications	UL294/cUL (US), FCC (US), IC (Canada), CE (EU), RCM (Australia, New Zealand), SRRC (China), KCC (Korea), NCC (Taiwan), iDA (Singapore), RoHS, MIC (Japan), GreenCircle, Bluetooth SIG
Security Ratings	EAL 5+ Certified Secure Element Hardware
Housing Materials	Polycarbonate - UL94 V0
UL Reference Number	20K