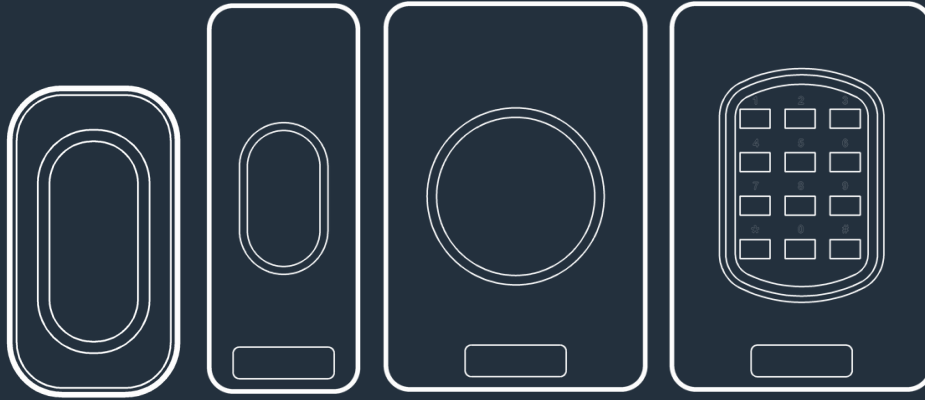


IoT Sensor

Mini Mullion, Mullion, Wall Mount, Keypad



	Mini Mullion	Mullion	Wall Mount	Keypad
Model Number	SA500	SA510	SA520	SA530
Part Number*	8845-000	8845-100	8845-200	8845-300
	<i>*add -H after above part numbers if ordering HF-only version (i.e. 8845-000-H)</i>			
Mounting	Mini Mullion	Mullion	Wall Mount	Wall Mount
Input	Proximity (125kHz), Smartcards (13.56MHz), Bluetooth Low Energy, NFC (Apple Pay) 2.45GHz			
Output	Wiegand, OSDP (RS-485), Wi-Fi, BLE Mesh Network			
Current Consumption (@12V)	110 mA Average 200 mA Peak	110 mA Average 200 mA Peak	110 mA Average 200 mA Peak	130 mA Average 210 mA Peak
Power Supply	12 VDC			
Product Weight	94 g / 3.31 oz +/- 5%	141 g / 4.97 oz +/- 5%	290 g / 10.23 oz +/- 5%	310 g / 10.93 oz +/- 5%
Dimensions	3.9 x 7.4 x 2.3 cm (1.57 x 3.05 x .94 in)	11.8 x 4.3 x 2.8 cm (4.6 x 1.7 x 1.1 in)	11.8 x 7.8 x 2.8 cm (4.6 x 3.1 x 1.1 in)	11.8 x 7.8 x 2.8 cm (4.6 x 3.1 x 1.1 in)
Color	Black			
Operating Temperature	-35...+65°C / -31...+149°F			



Storage Temperature	-35...+85°C / -31...+185°F
Operating Humidity	5% to 95% relative humidity (non-condensing)
Connection	Pigtail Cable
Status Indicator	LED and Buzzer
Configuration & Firmware Updates	Wi-Fi (remote via secure cloud portal) • BLE (onsite, using administrator's mobile device) • OSDP (using PACS)
Cable Distance	Wiegand 152 m / 500 ft (22 AWG wire), RS-485 11219 m / 1000 ft
LF Credential Compatibility (125 KHZ)	HID®, Indala®, Casi Rusco®, AWID®, Farpointe®, & others (*High-frequency only models. Please note, these models do not read low-frequency 125kHz proximity cards.)
HF Card Compatibility (13.56 MHZ)	MIFARE Classic, DESFire EV3, ISO 15693 CSN, ISO 14443A/B CSN/UID, HID® iCLASS secure read
Read Range	High Frequency Java Cards: Up to 4 cm / 1.6" • MIFARE Classic: Up to 6 cm / 2.4" • DESFire EV3: Up to 6 cm / 2.4" • Low Frequency: Up to 7 cm / 2.8" • ApplePay (10 cm / 3.93")
Certifications	FCC, CE, IC, RCM, UKCA, India (others pending)
Environmental Protection	IP65
Mobile Operating Systems	Apple iOS 11.0 or later; Android 4.4 or later on devices with the Safetrust Wallet
Mobile Credential Emulations	Most popular card formats including HID®, Indala®, AWID®, GE Casi®, Farpointe and Honeywell®, MIFARE® Classic, MIFARE® DESFire®, PIV, and FIDO2
Bluetooth Range	Touch to 100 ft (0 to 30 meters)
Wi-Fi	802.11b/g/n 2.4 and 5 GHz, IPv4, IPv6, 802.1x
Encryption	Hardware secure element EAL 6+, AES 256, ECC, TLS, x.509, OSDP v2 SC
Relay	Solid state relay
Tamper	Accelerometer
Interoperability	Natively interoperable with Safetrust sensor ecosystem (built on Bluetooth 5.0 mesh)
Warranty	Limited Lifetime

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