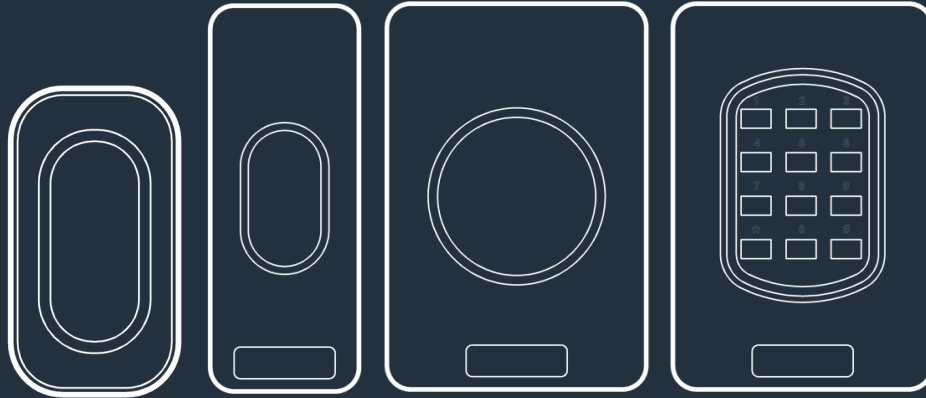


IoT Sensor

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 - 24VDC			
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 Credential Compatibility (13.56 MHZ)	MIFARE Classic, DESFire EV3, ISO 15693 CSN, ISO 14443A/B CSN/UID, HID® iCLASS secure read, LEAF
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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