

Keypads

The Alarm Keypad provides local arming, disarming and user access control to a connected S1000 Controller.

2 types of keypads are available:

- slimline keypad
- OLED alarm keypad.



GENERAL KEYPAD FEATURES

- Available with difference technologies:
 - 125kHz Prox QuadraKey
 - 13.56MHz Mifare, DESFire
- OSDP encryption supported
- Reverse power protection
- Card reader function support
- Backlit design available

OLED Alarm Keypad specific features

- Quick access keys for intuitive command inputs
- Display up to 20 characters customized scrolling message
- Include custom text on idle screen and multiple language support
- Built-in alarm buzzer
- Configuration menu options for baud rate, device address and encryption key
- Touch pad has no moving parts
- All inputs have over-voltage protection
- All input and output signals are protected against static charges

TECHNICAL SPECIFICATIONS

	OLED ALARM KEYPAD	SLIMLINE KEYPAD
Physical		
Exterior dimensions	115.5mm x 84.5mm x 20.5mm (4.5" x 3.3" x 0.8")	150mm x 53mm x 25mm (5.9" x 2.1" x 1")
Weight	210g (7.4oz)	180g (6.3oz)
Case material	PC and ABS	
Standard color	Black	
Environmental		
Operating temperature	-10°C (14°F) to 70°C (158°F) UL 294: -10°C (14°F) to 49°C (120.2°F)	
Operating humidity	10% to 90%	
Electrical		
Operating voltage	10VDC to 15VDC (UL 294: 12VDC to 14VDC)	
Operating current	100mA (maximum) at 12VDC UL 294: 80mA at 12VDC input with full load, 73mA at 14VDC input with full load	
Wiring distance	RS485 - 1200m (3937ft)(22AWG with shielded cable)	150m (492ft)(22AWG with shielded cable)
Communications		
Typical reading range	3cm (1.2") to 8cm (3.1") (based on different technology)	
Reader standard output	RS485	RS485 OSDP (Wiegand optional)
Display message	S1000 driver	-

COMPLIANCE AND ACCREDITATION

For all Keypads: RoHS, RCM, FCC, CE, ICC, Industry Canada

For the OLED Alarm Keypad: EN 50130, EN 50131

ORDERING INFORMATION

PART NO.	PRODUCT CODE	DESCRIPTION
320 300 001	SD1-TKD-B	Alarm OLED Display Keypad with arm/disarm keys, without reader function, black/grey in color
320 300 011	SD1-TKD-PRX-B	Alarm OLED Display Keypad with arm/disarm keys, with low-frequency OSDP reader, black/grey in color
320 300 021	SD1-TKD-MFR-B	Alarm OLED Display Keypad with arm/disarm keys, with high-frequency OSDP reader (Mifare), black/grey in color
320 300 031	SD1-TKD-MFRICP-B	Alarm OLED Display Keypad with arm/disarm keys, with low-frequency OSDP (Prox Mifare and iClass), black/grey in color For indoor use only.
320 300 137	SD1-STXP-PRX-B	Slimline OSDP Keypad Reader with low-frequency Can read HID Prox and EM cards.
320 300 138	SD1-STXP-MFRP-B	Slimline Dual Tech OSDP Keypad Reader 125KHZ+Mifare+Desfire Can read HID Prox, Mifare, DESFire and iClass cards.
320 300 134	SD1-STXPW-PRX-B	Slimline Keypad Wiegand Reader with low-frequency Can read HID Prox and EM cards.
320 300 136	SD1-MFRP-B	Slimline Dual Tech Wiegand Keypad Reader 125KHZ+Mifare+Desfire Can read HID Prox, Mifare, DESFire and iClass cards.