

All Weather OLED Display Reader



Available with different technologies:

- 125kHz Prox
- 13.56kHz Mifare, Desfire, Legic



Number pads use the latest Touch Sensor technology, with individual key backlighting



Can display a 21 character customized scrolling message



Card reader function supported



Multiple languages supported



Tamper protection



OSDP encryption supported



Front plate customisation and backlit design is available



Design with End User Logo is available



Alarm buzzer built-in



Configuration menu options for baud rate, device address and encryption key



OLED Display allows user to see the message clearly under direct sunlight

Friendly Installation



Touch pad has no moving parts, for greater durability



All inputs have overvoltage protection



All input and output signals are protected against static charges



Non-drop bottom screw for easy servicing



Stainless steel security screw is an option



Universal back plate allows reader installation on different sizes of gang box.



Reverse power protection



All weather-proof design with IP65 certificate



Plastic mounting plate allows the reader to be installed on any surface without affecting read range

Technical Specifications

Typical Read Range	3-8 cm (Base on Different Technology)
Reader Standard Output	RS485
Display Message	S1000 driver
Wiring Distance	RS485 - 1200m (22 AWG with Shielded Cable)
Operating Voltage	10 - 15VDC
Operating Current	150mA (max)
Operating Temperature	-10°C to +70°C
Exterior Dimension	115.5 x 84.5 x 20.5mm
Case Material	PC + ABS
Standard Colour	Black
Operating Humidity	10% - 90%
Weight	210g



Ordering Information

Part Number	Product Code	Description
300101	SD1-STD-PRX-B	Standard Display 125KHz Proximity Reader with Keypad in Black Colour
300102	SD1-STD-MFR-B	Standard Display Mifare Reader with Keypad in Black Colour
300103	SD1-STD-MFRIC-B	Standard Display Mifare and Iclass Reader with Keypad in Black Colour
300104	SD1-STD-MFRICP-B	Standard Display Mifare + Iclass + Prox Reader with Keypad in Black Colour