



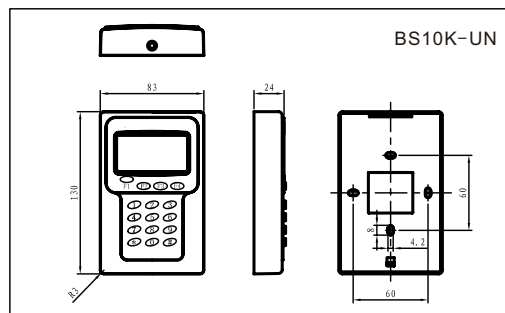
BS100K-UN

BS10K-UN

Features

- ◆ Connect directly to SK800 controller or via BSDC Door Controller
- ◆ When direct connect to BS800, door devices such as magnetic door sensor, electric door lock and exit push button are connect directly to universal reader making wiring convenient and cost saving.
- ◆ Via SK800 setup, store 5 super user cards for when system failure.
- ◆ Display door and alarm information from BS800 in real-time
- ◆ Communicate to BS800 via RS-485
- ◆ Connect external wiegand reader for exit
- ◆ Support card: EM, Mifare, HID (125KHz), TI (13.56MHz), Type B and CPU card
- ◆ Open Door Method: Card, Card + PIN, Secure PIN
- ◆ Auto time synchronization via controller
- ◆ CE Certified

Dimension (Unit: mm)



Remark:
Please refer to "Keypad Reader" for BS100K-UN dimension.

Functional List

Function	BS10K-UN	BS100K-UN
Supported Controller	Bs800, BSDC	
RS-485 Interface	Communicate with above the controllers	
Connect External Wiegand Reader	1, support any 26/ 34 bit wiegand card reader and free wiegand card reader	
Supported Card	EM, Mifare, HID, TI (13.56MHz), Type B, CPU Card	
Open Door Method	Card, Card + PIN, Secure PIN	
Super User Card	Store up to 5 cards for emergency use when system failure	
Exit by Push Button	1	
Door Sensor	1	
TTL Alarm Input	1	
TTL Output	1	
Temper Switch	1, an audible alarm and record is generated during vandalism	
Alarm Relay	1, 12V/1A	
Door Relay	1, 12V/1A	
Time Adjustment	Auto synchronize via controller	
Baud Rate	1200 ~ 19200bps. Default is set to 19200bps	
ID Setup	Via keypad, 001 ~ 255. Default is 1	
485 End of line resistor	Through jumper setting	
Keypad	4x4 Blue backlight	
LCD	128x64 dots, white backlight, Graphical display	
Buzzer	1	
Power Supply	9 ~ 30VDC, 300mA	
Operation Temperature	-10 ~ 55 °C	
Dimension	130x83x24mm	
Housing	ABS flame-resistant, silver color	158x112x37mm

Model Selection

BS10K-UN Series

Model	Description
BS10EK-UN	Small Graphical Universal Reader, build-in EM Card reader, range > 5cm
BS10MK-UN	Small Graphical Universal Reader, build-in Mifare Card reader, range > 2.5cm
BS10HK-UN	Small Graphical Universal Reader, build-in HID Card reader, range > 2.5cm
BS10TIK-UN	Small Graphical Universal Reader, build-in ISO 15693 (TI) Card reader, range > 2.5cm
BS10BK-UN	Small Graphical Universal Reader, build-in Type B ISO14443B Card reader, range > 2.5cm
BS10CK-UN	Small Graphical Universal Reader, build-in CPU Card reader, range > 2.5cm

BS100K-UN Series

Model	Description
BS100EK-UN	Graphical Universal Reader, build-in EM Card reader, range > 10cm
BS100MK-UN	Graphical Universal Reader, build-in Mifare Card reader, range > 2.5cm
BS100HK-UN	Graphical Universal Reader, build-in HID Card reader, range > 2.5cm
BS100TIK-UN	Graphical Universal Reader, build-in ISO 15693 (TI) Card reader, range > 2.5cm
BS100BK-UN	Graphical Universal Reader, build-in Type B ISO14443B Card reader, range > 2.5cm
BS100CK-UN	Graphical Universal Reader, build-in CPU Card reader, range > 2.5cm