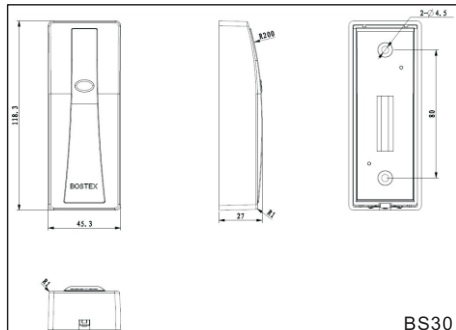




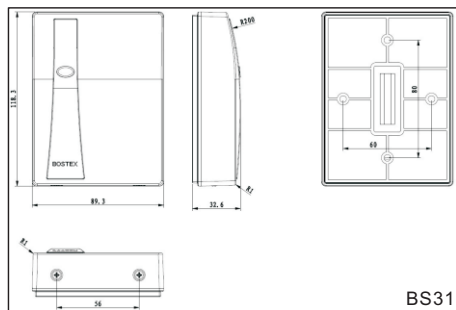
Features

- ◆ Output Interface: Wiegand 34 bit, RS485
- ◆ Support card: EM, Mifare, HID (125KHz), TI (13.56MHz), CPU Card
- ◆ Reading speed < 0.2 seconds
- ◆ Outdoor Installation: Fully seal, epoxy-coated, water resistant, anti-dust design
- ◆ High brightness display: Dual color LED indicator
- ◆ CE Certified

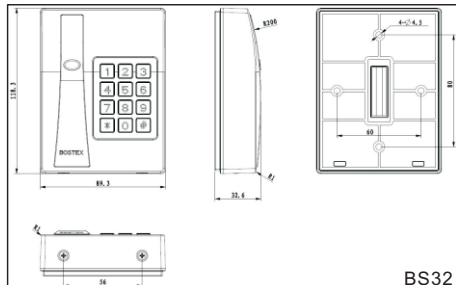
Dimension (Unit: mm)



BS30



BS31



BS32

Technical Specification

Parameter		EM Reader	MifareReader	HID Reader	TI Reader
Supported Card		EM	Mifare	HID, 125KHz	TI, 13.56MHz
Reading Distance	BS30	>5cm	>2.5cm	>4cm	>2.5cm
	BS31 & BS32	>8cm	>4cm	>8cm	>4cm
Wiegand 34 bit		Yes	Yes	Yes	Yes
485 format		Yes	Yes	No	No
485 Reader Baud Rate		1200-19200bps, Default 19200bps		No	No
485 Reader ID Setup		1-16, Default 1		No	No
Built-in Tamper Switch	BS30	No			
	BS31 & BS32	Yes			
LED		Dual-Color, Red: Power, Green: Reading			
Buzzer		1 (Only BS31 & BS32 can be controlled externally)			
Power Supply		12V/75mA	9-30V/150mA	12V/100mA	12V/100mA
Fully seal, epoxy-coated		Yes	Yes	No	No
Operation Temperature		-10 ~ 50 °C			
Dimension	BS30	118x45x27mm			
	BS31 & BS32	118x89x32mm			
Housing		ABS flame-resistant			

Model Selection

BS30 Slim Series

Model	Description
BS30-XXX-EW	Build-in EM Card reader, Wiegand 34, Fully seal, epoxy-coated
BS30-XXX-MW	Build-in Mifare Card reader, Wiegand 34, Fully seal, epoxy-coated
BS30-XXX-HW	Build-in HID Compatible Card reader, Wiegand, Not fully seal, no epoxy-coated
BS30-XXX-TW	Build-in TI Card reader, Wiegand, Not fully seal, no epoxy-coated

BS31 Standard Series

Model	Description
BS31-XXX-EW	Build-in EM Card reader, Wiegand 34, Fully seal, epoxy-coated
BS31-XXX-ER	Build-in EM Card reader, RS485, Fully seal, epoxy-coated
BS31-XXX-MW	Build-in Mifare Card reader, Wiegand 34, Fully seal, epoxy-coated
BS31-XXX-MR	Build-in Mifare Card reader, RS485, Fully seal, epoxy-coated
BS31-XXX-HW	Build-in HID Compatible Card reader, Wiegand, Not fully seal, no epoxy-coated
BS31-XXX-TW	Build-in TI Card reader, Wiegand, Not fully seal, no epoxy-coated

BS32 Keypad Series

Model	Description
BS32-XXX-EW	Build-in EM Card reader, Wiegand 34, Fully seal, epoxy-coated
BS32-XXX-ER	Build-in EM Card reader, RS485, Fully seal, epoxy-coated
BS32-XXX-MW	Build-in Mifare Card reader, Wiegand 34, Fully seal, epoxy-coated
BS32-XXX-MR	Build-in Mifare Card reader, RS485, Fully seal, epoxy-coated
BS32-XXX-HW	Build-in HID Compatible Card reader, Wiegand, Not fully seal, no epoxy-coated
BS32-XXX-TW	Build-in TI Card reader, Wiegand, Not fully seal, no epoxy-coated