Portable Time Clock Controller

BS100T-HS
BS100T-HS-ZB

BOSTEX

BS100T-HS-ZB

BS100T-HS

■ Features

◆ Built-in high-performance rechargeable Ni-Mh battery, 72 hours standby time and 8 hours continuous reading.

◆ Guarantee no transaction lost by ensuring proper card read, robust communication handling and transaction recovery.

◆ Storage Capacity up to 10,000 cards and 10,000 time clock transactions.

◆ Hardware and software watch dog double protection to ensure the time clock controller will not crash.

◆ Real-time uploading of transaction data to PC via wireless network.

◆ Valid and Invalid card will trigger different relay and different buzzer sound indication

◆ When a valid card presented, LED will indicate and LCD will show message.

◆ Support build-in reader module such as EM, Mifare, HID, TI, Type B and CPU card.

◆ Time adjustment function either using controller keypad or synchronize timing from PC.

◆ Data storage full indication. LCD will show storage full message and prohibit time clocking

■ Technical Specification

Parameter	BS100T-HS	BS100T-HS-ZB
CPU	16 bits	
Card Capacity	10, 000	
Record Capacity	10, 000	
Connection to Computer	RS-485	Wireless transmission up to 2000 m
Storage Full Indication	Controller LCD will indicate full and stop accepting card	
Buzzer	1, indicate valid and invalid card via different audio sound	
Baud Rate	1200 ~ 19200bps. Default is 19200bps	
Card Number Output Byte	1 ~ 4. Default is 4	
Card Number Display Mode	HEX, DEC, ABA, User Code. Default is DEC	
Device ID Setup	001 ~ 255. Default is 1	
Comm. Monitor	Yes	
Rechargeable Battery	High-performance rechargeable Ni-Mh battery, 72 hours stand-by time and 8 hours continuous reading	
Power On/Off switch	Yes	
Keypad	4x4, Blue Backlight	
LCD	128x64 dots, Graphical, White Backlight, Chinese, English	
Dimension	285x95x50㎜	
Power Supply	9.6VDC, 100mA	
Operating Temperature	-10~50 °C	
Casing	ABS flame-resistant, silver color	

■ Model Selection

	Model	Description
BS100T-HS Portable Series	BS100ET-HS	Build-in EM Card reader, range > 5cm
	BS100MT-HS	Build-in Mifare Card reader, range > 2.5cm
	BS100HT-HS	Build-in HID Card reader, range > 2.5cm
	BS100TIT-HS	Build-in ISO15693 (TI) Card reader, range > 2.5cm
	BS100BT-HS	Build-in Type B ISO14443B Card reader, range > 2.5cm
	BS100CT-HS	Build-in CPU Card reader, range > 2.5cm
BS100T-HS-ZB Wireless Portable Series	BS100ET-HS-ZB	Build-in EM Card reader, range > 5cm
	BS100MT-HS-ZB	Build-in Mifare Card reader, range > 2.5cm
	BS100HT-HS-ZB	Build-in HID Card reader, range > 2.5cm
	BS100TIT-HS-ZB	Build-in ISO15693 (TI) Card reader, range > 2.5cm
	BS100BT-HS-ZB	Build-in Type B ISO14443B Card reader, range > 2.5cm
	BS100CT-HS-ZB	Build-in CPU Card reader, range > 2.5cm