BS501T

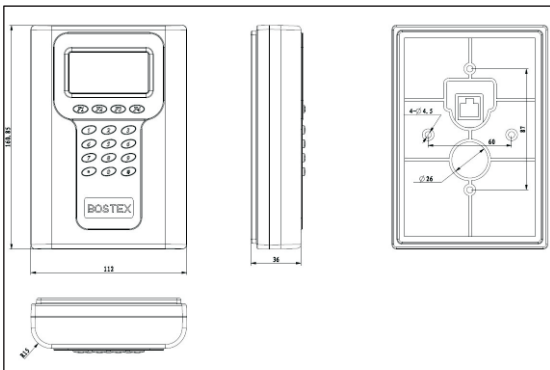## ▶ Features

- ◆ 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 RS-485
- ◆ Valid and Invalid card will trigger different relay and different buzzer sound indication
- ◆ Support build-in reader module such as EM, Mifare, HID, TI 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
- ◆ CE Certified

▶ Dimension（Unit: mm）

▶ Technical Specification

Parameter	
CPU	16 bits
Card Capacity	10, 000
Record Capacity	10, 000
Connection to Computer	Via RS-232, RS-485 or TCP/IP (require TCP/IP converter)
Storage Full Indication	Controller LCD will indicate full and stop accepting card
Connect External Wiegand Reader	1
Fixed Alarm Clock	24 groups
Relay	2, separately activate for valid and invalid 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	Power-down time can save the data for 6 months
485 End of line resistor	Setup using jumper
Keypad	4x4, Blue Backlight
LCD	128x64 dots, Graphical, White Backlight, Chinese, English
Dimension	161 x 112 x 36 mm
Power Supply	9~30VDC, 300mA
Operating Temperature	-10~50 °C
Casing	ABS flame-resistant

▶ Model Selection

LCD Display	Model	Description
BS501T Series Chinese, English Menu	BS501T-XXX-E	Build-in EM Card reader, range > 5cm
	BS501T-XXX-M	Build-in Mifare Card reader, range > 2.5cm
	BS501T-XXX-M	Build-in HID Compatible Card reader, range > 2.5cm
	BS501T-XXX-T	Build-in ISO15693 (TI) Card reader, range > 2.5cm
	BS501T-XXX-C	Build-in CPU Card reader, range > 2.5cm