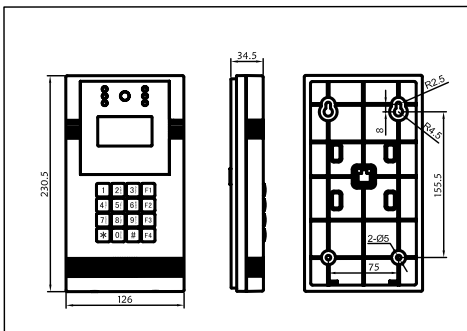




BS100V-NT

Dimension (Unit: mm)



Features

- ◆ Take photo when presenting card. To prevent buddy system
- ◆ Built-in WEB server. Monitor live video streaming via internet browser
- ◆ Using 32 bit ARM CPU, operate on embedded LINUX OS, speed up to 200MHz
- ◆ Direct connection to PC via TCP/IP. Connection via TCP/IP converter is not required. Transmission speed up to 100 Mbps
- ◆ Storage Capacity up to 10,000 cards and 100,000 transactions
- ◆ Support "Toggle Mode", mainly use for controlling on/off of large-scale electrical equipment
- ◆ Support Anti-passback with confirmation by door open
- ◆ Support Arm/Disarm function
- ◆ Using Flash Memory to store data. Data can be stored up till 10 years without power supply
- ◆ Recoverable up to the latest 100,000 transaction if back end system failure
- ◆ Firmware Online Upgrade via TCP/IP
- ◆ Smart Door Lock capability. When system detect door open and close back, door will automatically lock back.
- ◆ Programmable Time zone / Pin Access Control.
- ◆ CE Certified

Functional List

Function	Description
Camera	1/4" COMS sensor, image size 640 × 480dpi, lens focal length 3.6mm, the lens angle of 60°, RGB24-bit True Color, Smart AE exposure, image format JPEG, power consumption 60mA
Photo Capacity	Store up to 800 photo, each having an average size of 8K byte. Photo automatically retrieve by communication server via TCP/IP and store in back end database together with transaction
Monitoring	Built-in Web Server. Browsing of real-time video streaming via IE browser
Card Open Door	Present card to wiegand reader
Card+PIN Open Door	(1) Use controller with built-in reader
Security PIN Open Door	(2) Connect with BS10K, BS100K-CN keypad reader via wiegand connector
Card ID Open Door	(3) Open door either by enter Security PIN or Card ID (4) Open Door by Card + Pin: 4 digits PIN; By Security PIN: 8 digits PIN
Fingerprint Open Door	Connect to SK fingerprint reader via wiegand connector. Open door method include: Card + Fingerprint, Fingerprint + PIN, Card + Fingerprint + PIN, ID + Fingerprint + PIN, Card Only, Card + PIN, PIN only, ID only etc.
Connection to PC	(1) 485 or TCP/IP (2) Use keypad to setup Controller ID 001-255 (3) Use keypad to set IP Address, Subnet Mask and Gateway
Alarm functions	Support Door Left Open Alarm, Door Force Open Alarm, Temper Alarm and Local TTL Alarm
Add/Delete Card in standalone mode	Yes
Dual-card Verification	Yes
Wrong PIN Control	During Card + PIN operation, if PIN enter incorrectly for predefine times, controller will be disabled for a predefine duration
Same Card Delay	0-255 seconds. Factory default is 0 second.
Time Zone Control	32 set of time zone
Holiday Control	Yes
Lost/Inhabit Card	Yes
Card Start and Expiry Date Validation	Yes
Door Auto Unlock by Timezone	Yes
Anti-passback	Yes (Local or Global). Able to reset manually or by time and zone control
Card Number Output Byte	1-4 bytes. Default is 4 bytes
Card Number Display Format	HEX, DEC, ABA, User Code. Default is DEC
PIN and Timezone Control	Yes. Able to setup whether enable PIN or Timezone control
Tamper Alarm	Yes
Door Left Open Restore transaction	Yes
Door Sensor Setting	Door sensor setup including connection type, sensitivity, smart door lock control and record with confirm
Others function	Same function as BS100-NT

Model Selection

Model	Description
BS100V-NT	Video network controller
BS100VE-NT	Video network controller, build-in EM Card reader, range > 5cm
BS100VM-NT	Video network controller, build-in Mifare Card reader, range > 2.5cm
BS100VH-NT	Video network controller, build-in HID Card reader, range > 2.5cm
BS100VTI-NT	Video network controller, build-in ISO15693 (TI) Card reader, range > 2.5cm
BS100VB-NT	Video network controller, build-in Type B ISO14443B Card reader, range > 2.5cm
BS100VB-NT	Video network controller, build-in CPU Card reader, range > 2.5cm