BOSTEX
Door Controller Series

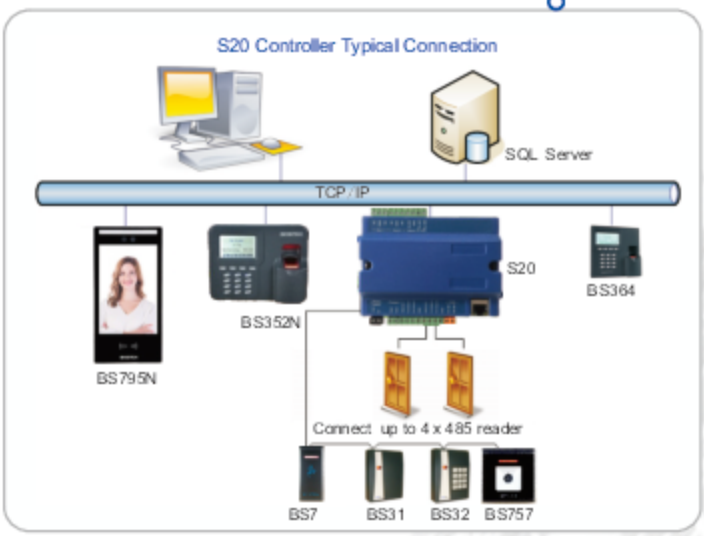
TCP/IP 2 Door Controller

Overview

The S20 2 Door Controller provides Access Control Security Management.

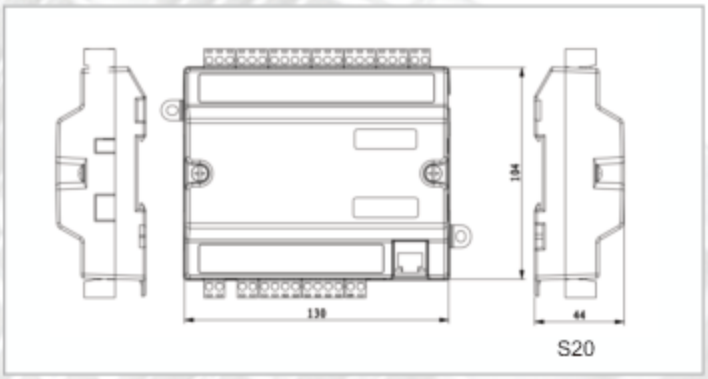
It can support access via present card, scan QR code, Card+PIN, QR code +PIN method.

Connection Diagram



S20

Dimensions (Unit: mm)



S20

Technical Specification

Parameter	S20
CPU	NUC980DK(300 MHZ)
Operation System	Linux
Number of Door	2
RS485 Reader Connection	4
Door Sensor	2
Exit Push button	2
TTL Alarm Input	2
Door Relay Output	2, 12V/1A
TTL Alarm Output	2, 5V/300mA
Tamper Input	1
Card Capacity	100, 000
Card Response Time	Less than 0.5 seconds searching from a 100,000 card capacity
Record Capacity	100, 000
TCP/IP	1,10/100 Mbps
Buzzer	1
Real Time Clock Power Supply	Cr2032, 3V
Power Supply	9~30VDC, 400mA
Operating Environment	-10~50°C
Humidity	0%-90% non condensing
Dimensions	130 x 104 x 44 mm
Casing	ABS flame-resistant
Mounting	Din rail mount
Certificates	CE marking

Features

- Design with NUC980DK Processor, speed up to 300MHz.
- Standalone Operation or direct connection to PC via TCP/IP. Connection via TCP/IP converter is not required. Transmission speed up to 100 Mbps.
- Store up to 100,000 cards and 100,000 off-line transactions.
- Supports "Toggle Mode". Changes the state of the lock relay output each time a card is presented. Can be used to activate and deactivate an intruder alarm or controlling on/off of large-scale electrical equipment.
- Supports Local Anti-passback (non-forgiveness and forgiveness).
- Programmable Card ID, Time zone, Pin Access.
- Built-in watchdog to prevent the system from locking up and provides auto recovery.
- Supports non-volatile Flash Memory. Data retain up to 10 years without main power.
- Recoverable up to the latest 100,000 transaction if back end system failure.
- Firmware Online Upgrade via TCP/IP.
- CE Certified.

CE