BioSense III-8
Web Based RFID Multi Door Controller

BioSense III-8 is a RFID identification based controller for Proximity card. It is always used to manage entrance security, work place time attendance, Overtime working verification and any other situation/event for the authorized personnel's presence. It can either work standalone without connecting to the PC or be integrated with the PC via built-in RS-232/485 or RJ-45 port.

Main Features :

▸ Support POE < Optional >
▸ Master/Slave Function
▸ Double Badge Control, Dual Door Interlocking
▸ Multi-door Control Up to 8 Doors (16 External Readers)
▸ Audible Indicators, Simple Enrollment Process
▸ Optical-based Technology, LCD On-screen Menus.
▸ Stand Alone or Networking System.
▸ Elevator Control Up to 9 Lifts, 128 Floors / Lift (Compatible with BF-333)
▸ Built-in http Server to use Web Browser for system management.

▸ Support RFID + Pin/ Card + Password/ Lock Release / Exit button Time Zone.
▸ Anti Pass Back (No Tolerance / Period Timer), Offline with Un-limited Level, No Need Online Software Support
▸ Support 100 Holidays, Internet Time Server, 40 Sets Function Key Setting, 128 Departments, Designations, 255 Time Sets, Time Zones, and 200 Groups.
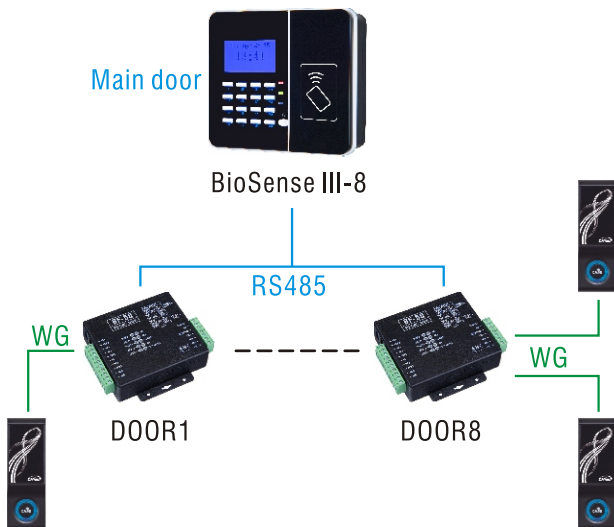▸ Internet time server for automatic time check
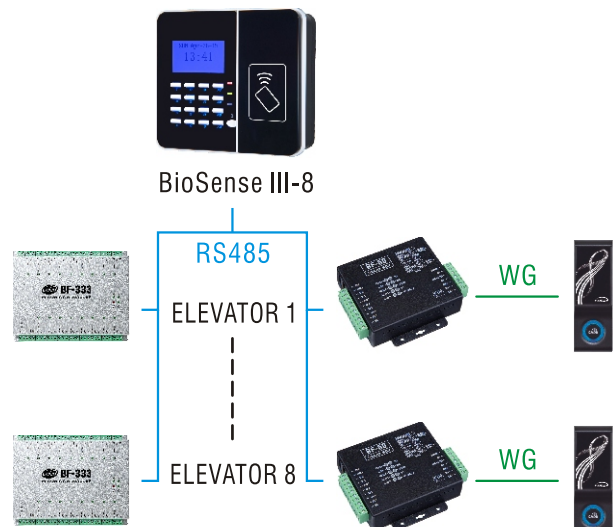
BioSense III-8

Specification

Verification option	RFID, PIN, RFID + Card	Reading range	7 ~ 12 cm (EM/TM),3 ~ 5 cm (Mifare)
Capacity	5,000 users	Keypad	10 Number Key (0~9) + 6 Function Key. (F1~F4, *, #)
Log Data	65,000 Events		
Relay output	Door lock x1, Ring bell x 1	Display	128 X 64 Dots LCD
Communication interface	RS-485 → Relay Box (BF-20/50/333) RS-232 → Dial-up Modem or Mini Printer (SH-24) TCP/IP → PC	Operating Temperature	0℃ ~ 65℃
		Operating Humidity	5% ~ 95% RH
		Power	DC 9 ~ 24V, 1A
		Weight	350 g.
Communication Speed	10/100M, Auto Crossover	Dimensions	160.2 x 140.2 x 46.7 mm
Card format	125 KHz (EM/TM), 13.56 MHz (Mifare)		

Application

※ Multi Door control 1

Main door

BioSense III-8

RS485

WG

WG

DOOR1　　　DOOR8

※ Floor control

BioSense III-8

RS485

WG

BF-333　ELEVATOR 1

BF-333　ELEVATOR 8

WG

WG

※ Multi Door RFID controller 2

BioSense III-8

TCP/IP

DOOR1

DOOR IN

DOOR OUT

485　BF-20

Magnetic/ Electronic Lock

DOOR8

DOOR IN

DOOR OUT

485　BF-20

Magnetic/ Electronic Lock