

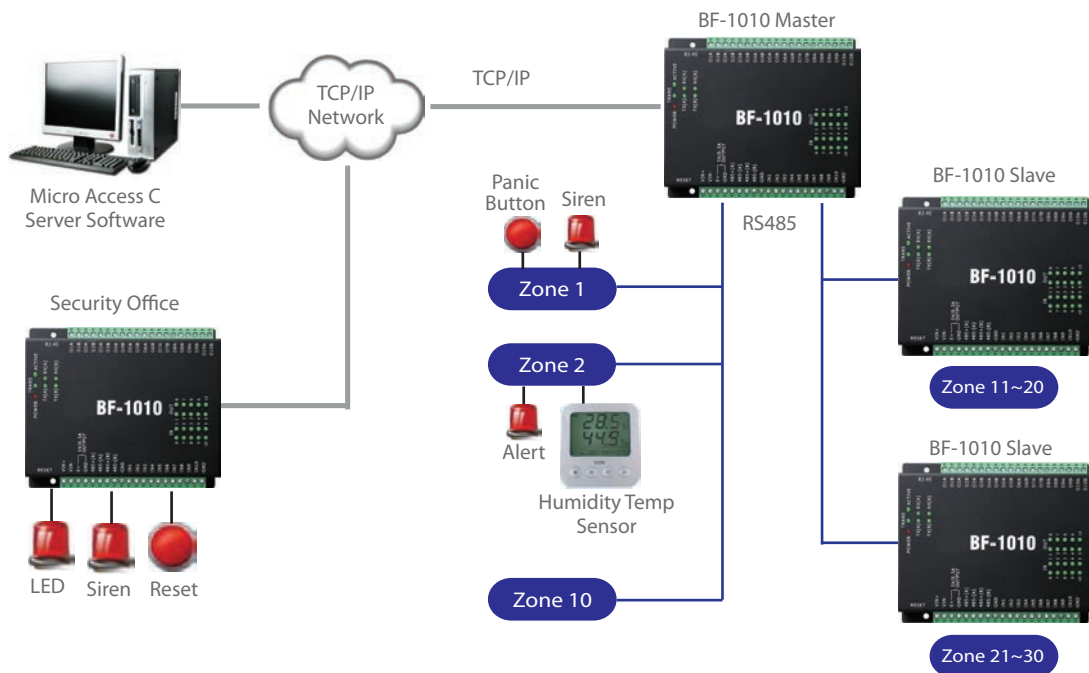


- 10 Digital Inputs and 10 Digital Outputs
- Monitor Digital Inputs: Panic Button, Temperature Sensor, Door Sensor, ...etc.
- Remote Control Outputs: Siren, Alarm, Light, Fan, ...etc.
- Report E-map monitoring and email alert
- Master & Slave structure (Max 30 DI and 30 DO)
- Sensor text overlay (BF1010 DIO controller with temperature / humidity / CO2 sensors, shown real room status from sensors)
- Alarm alert (screen alerts from events - unregistered user, door open too long)
- Setup trigger events between terminals thru TCP/IP
- For Example:
 - (1) Use for panic button system
 - (2) Door alarm monitoring system

Specification:

CPU	16bit / 100MHz	Memory	256 KB ROM & 1 MB SDRAM
Watch Dog	System protection	Power Requirement	DC 9 ~ 30 V, 500 mA
Double Badges	10 sets (2-3 employee/set)	Communication	RS485, TCP/IP
Operation Temperature	0 ~ 55 °C	Operation Humidity	5% ~ 85% RH
Dimension (mm)	135 x 115 x 35	Weight (g.)	525
Ethernet RJ45 Port	10/100 Base-T, Half/Full duplex, Auto Cross over, 1.5KV magnetic protected		
Serial Port	COM1 & COM2 with RS485 Interface		
I/O Port	10 Channel I/O: 10 isolated D/I and 10 isolated D/O Isolated D/I -> Optical Isolation: 2,500 VDC, Overload protection: 70 VDC, Dry Contact Isolated D/O -> Optical Isolation: 2,500 VDC, Contact rating: AC: 120V@0.5A, DC: 30V@1A Total switching time: 10msec		
Serial Setting	Parity Check: None, Even, Odd, Mark, Space Data Bits: 5,6,7,8 Stop Bits: 1, 2 Flow Control, RTS / CTS / XON / XOFF		
Operation System	Windows, Linus, Unix		
Protocol	TCP, IP, UDP, Telnet, ARP, DHCP, ICMP, SMTP, PPPoE, HTTP, UNIX		
Operation Mode	Support TCP/UDP Sever, Client mode User name & Password protected for web management Built-in HTTP server for set up and remote management thru browsers Support system backup & restore COM drivers		

BF1010 Panic Button System Layout Diagram



BF1010 Door Alarm Monitoring System Layout Diagram

