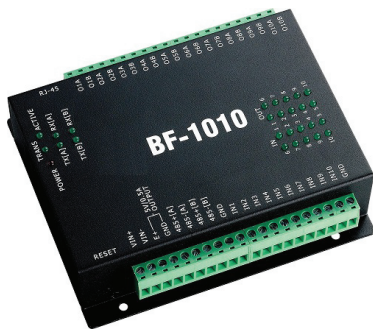


BF1010 Digital Input & Output Controller



- Built-in with 10 Digital Inputs and 10 Digital Outputs.
- Monitor digital inputs such as panic button, temperature sensor, door sensor, and etc.
- The device can also remotely control outputs such as siren, alarm, light and fan.
- It is possible to setup trigger events between terminals through TCP/IP.
- Master & slave structure can link up maximum 30 inputs and 30 outputs.
- Report E-map monitoring and email alert.

Specifications

CPU	16bit / 100MHz	Memory	256 KB ROM & 2 MB SDRAM
Watch Dog	Built-in	Power Requirement	DC 9 ~ 30 V, 500 mA
Double Badges	10 sets (2-3 employee/set)	Communication	RS485, TCP/IP
Operation Temperature	0 ~ 65 °C	Operation Humidity	5% ~ 95% RH
Dimension (mm)	135 x 115 x 35 mm	Weight (g.)	525 g
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		
System Clock	RTC/NTP		
Ethernet Setting	Static IP / DHCP Client / PPPoE		
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		

Layout Diagram

