Dynacom MS2040
Multi IO Digital Controller

MS2040: 10 Digital Inputs And 10 Digital Outputs.
Monitor Digital Input: Panic Button, Temperature Sensor, Door Sensor,...etc.
Remote Control Outputs : Siren, Alarm, Light, Fan
Report E-map monitoring and email alert.
Master & Slave structure (Max 30 DI and 30 DO).
Sensor text overlay (MS2040 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) If temperature in the server room is too high, triggers security office's alarm and also server room's air condition (outputs).
(2) If humidity in green house is low, trigger water spray (outputs), air quality low will trigger air cycling (outputs).
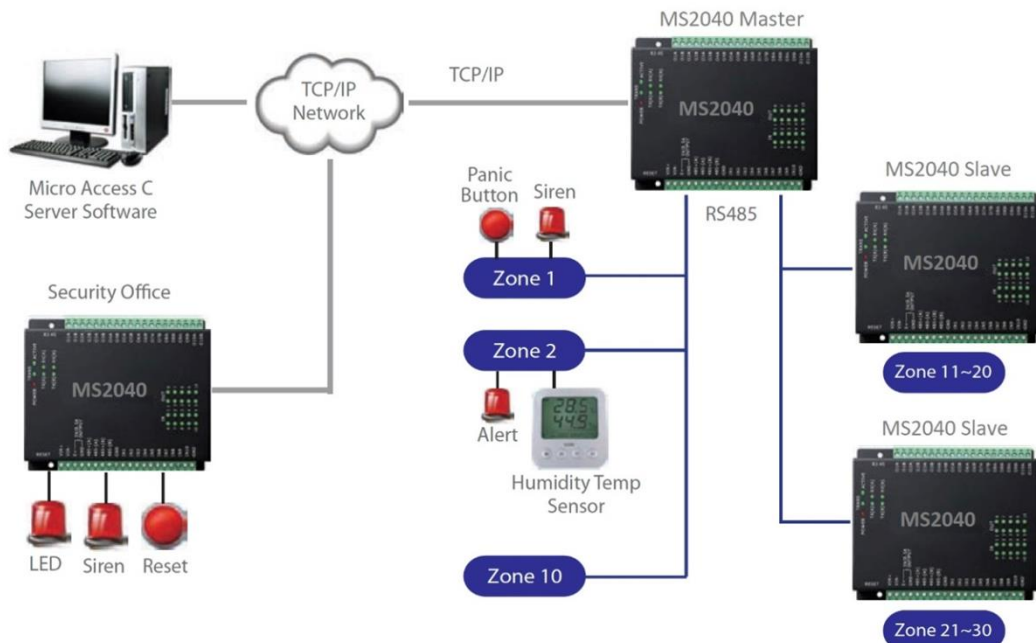
DIO controller is designed for monitor digital inputs and remote control digital outputs.
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Remort control outputs : siren, alarm, light, fan Setup trigger events between between terminals thru TCP/IP.
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Hardware

CPU	16bit / 100MHz
Memory	512 KB ROM & 2 MB SDRAM
Watch Dog	System protection
Power Requirement	DC 9 ~ 30 V, 500 mA
Operation Temperature	0°C ~ 55°C
Operation Humidity	5% ~ 85%RH
Storage Temperature	-20°C ~ 75°C
Dimension	135 x 115 x 35 mm
Weight	525 g.

Interface

Ethernet RJ45 port	10 / 100Base-T, Half / Full duplex, Auto Cross Over, 1.5KV magnetic protected			
Serial	Port	Interface	Port Type	Signals
	COM1	RS-485	Screw Terminal	D+, D-
	COM2	RS-485	Screw Terminal	D+, D-
I/O port	10 Channel I/O : 10 isolated D/I an 10 isolated D/O			
	Isolated DI: Optical Isolation: 2,500VDC; Overload protection: 70VDC; Dry Contact			
	Isolated DO: Optical Isolation: 2,500VDC; Contact rating: AC: 120V@0.5A; DC: 30V@1A			
	Total switching time: 10msec			
Ethernet Setting	Static IP / DHCP Client / PPPoE			
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 XP / 2000 / NT / 95 / 98, Linux, UNIX			
Protocol	TCP, IP, UDP, Telnet, ARP, DHCP, ICMP, SMTP, PPPoE, HTTP, UNIX			
Operation Mode	Support TCP / UDP Server, Client mode.			
	User name & Password protected for web management.			
	Bulit-in HTTP server for set up and remote management thru browsers.			
	Support system backup and restore.			
	Support Windows 95 / 98 / ME / NT / 2000 / XP / 2003 Virtual COM drivers.			