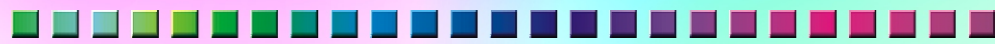


4 Ports Serial to TCP/IP Converter



BF-440(M)

BF-440 is a universal serial device server that can make your industrial serial devices, such as, PLCs, flow meters, gas meters, CNC machines, and biometric identification card readers to be monitored from network. Support web management & firmware upgrade. PPPoE & DDNS protocol makes the user connect to Internet without static IP. BF-440 has 4 serial ports and one RJ-45 port, it provides a convenient and transparent way to establish an Ethernet connection that not only protects your current hardware investment, but also ensures future network expandability.

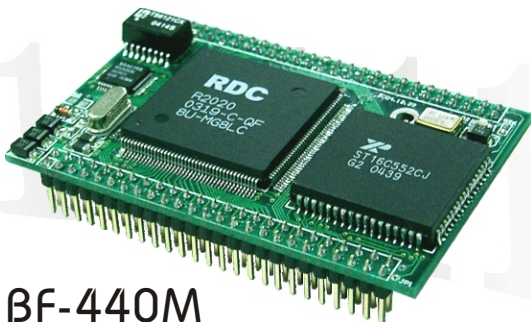
By using BF-440, you can centralize serial device management and distribute management hosts at the same time.

BF-440

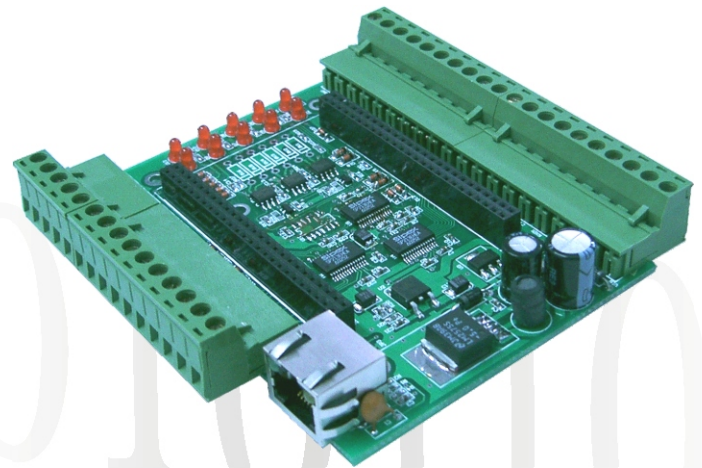


APPLICATION

- Factory Automation
- Building Automation
- Hospital Automation
- PLC Instrument Control
- Access Control & Security
- Time Recording System



BF-440M



TESTING BOARD

· · · SPECIFICATION

Hardware	CPU	16 bit CPU, 100MHz				
	Memory	256 KB ROM & 768KB SDRAM				
	Watch Dog	Support watch Dog, system never halt				
	Ethernet	10/100Base-T,half/full duplex, Auto Cross Over, 1.5 KV Magnetic protected				
Interface	Serial	Port	Interface	Port Type	Signals	Protection
		COM1	RS-232	Screw Terminal	TxD,RxD,RTC,CTS,DTR,DSR,DCD,GND	15KV ESD
		COM2	RS-232/485	Screw Terminal	TxD,RxD,GND(RS-232) D+, D-(RS-485)	15KV ESD
		COM3	RS-232/485/422	Screw Terminal	TxD,RxD,GND(RS-232) D+, D-(RS-485) T+, T-, R+, R-(RS-422)	15KV ESD
		COM4	RS-232	Screw Terminal	TxD, RxD, GND	15KV ESD
	Baud rate	1200 bps ~230.4Kbps				
Configuration	Parity Check	None, even, odd, Mark, Space				
	Data bits	5, 6, 7, 8				
	Stop bits	1, 2				
	Flow Control	RTS/CTS, XON/XOFF				
Supported OS	Windows XP, Windows 2000, Windows NT, Windows95/98 ME, Linux, UNIX					
Protocol	TCP, IP, UDP, Telnet, ARP, DHCP, ICMP、SMTP、PPPoE、HTTP、DDNS					
Management	Support TCP/UDP Server/Client mode User name & password protected for web management					
	Built-in Http server for set up and remote management via any browser easily					
	Support backup & restore system configuration data					
	Support Windows 95/98/ME/NT/2000/XP/2003 virtual COM drivers					
Power & Environment	Power requirement	DC 9-30V ,500mA				
	Operation Temp.	0 ~ 55°C				
	Operation Humidity	5 ~ 95%RH				
	Storage Temp.	-20 ~ 85°C				
	Size	81X103X30 mm				
	Magnetic protected	Ethernet port 1.5 KV				
	Approval	FCC, CE				



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