



# BF-430/ 431/ 450M

## Serial to TCP/IP Media Converters

BF-430/ BF431 are a both media converter to transfer serial data to TCP/ IP. Besides, system administrator could configure system required parameter thru the proprietary Web server. Moreover, BF-450M is the ready-to-use module which could benefit the industrial equipment manufacturers to enable the existing serial machine(products) to be working over Internet by BF-450M embedded.

### Specification

<b>Ethernet Interface</b>	10/ 100Base-T, half/ full duplex
<b>Serial Interface</b>	RS 232/ 485 (only BF-430) RS 232/ 422 (only BF-431)
<b>RS 232 Signal</b>	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND Baud Rate: 1200bps~230.4kbps
<b>RS 485 Signal</b>	2 wire Data+/- (only for BF-430)
<b>RS 422 Signal</b>	4 wire R+/ R-/ T+/ T- (only for BF-430)
<b>CPU</b>	16 bit CPU, 100MHz
<b>Memory</b>	256K ROM & 768K SDRAM
<b>Watch Dog</b>	System never halts
<b>I/ O Support</b>	No
<b>LED</b>	4, Power/ RXD/ TXD/ ACT

<b>Power Requirement</b>	300mA (9V)
<b>EMI/ EMC Certification</b>	FCC B, CE B
<b>Operation temperature</b>	0°C ~ 65°C
<b>Storage temperature</b>	-20°C ~ 85°C
<b>Operation humidity</b>	5% ~ 95%RH
<b>Surge Protection</b>	Serial port 15 KV ESD
<b>Magnetic Protected</b>	Ethernet port 1.5 KV
<b>Connector Type</b>	DB9(Male)/ RJ-45
<b>Reset Button</b>	Yes
<b>Dimension</b>	67 x 93 x 22 mm
<b>Weight</b>	165 g.