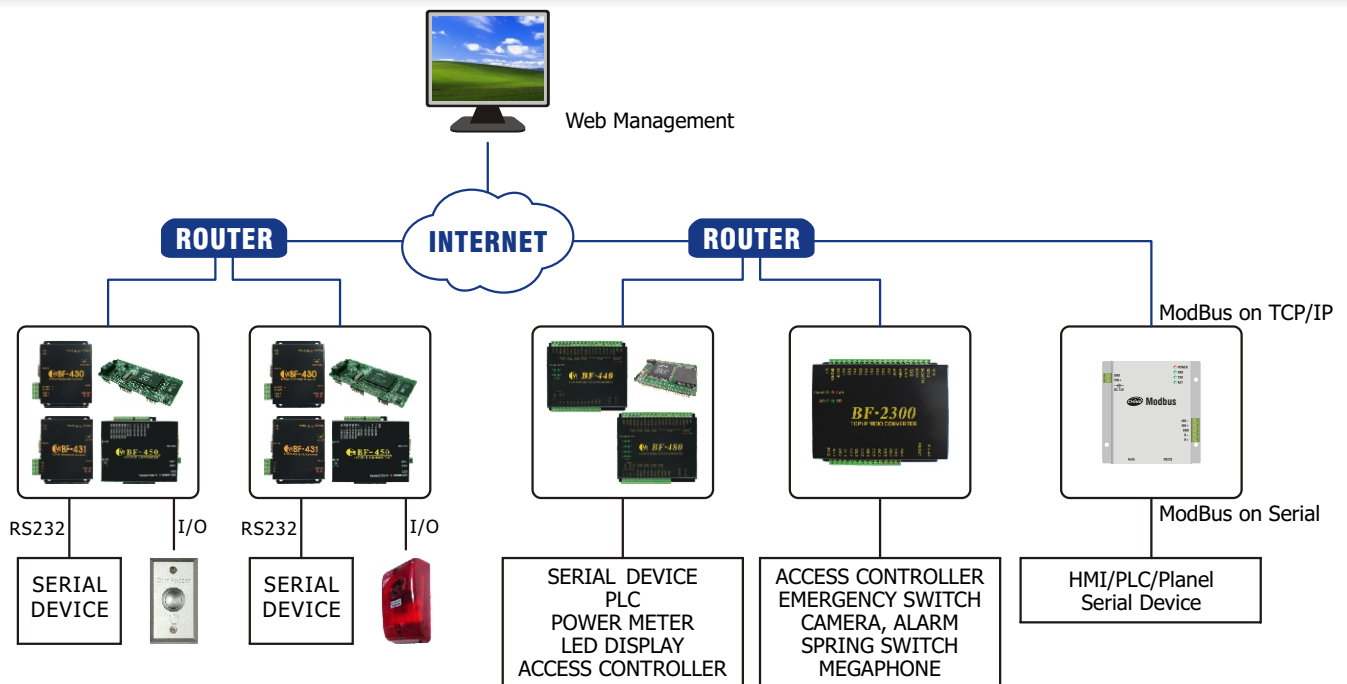


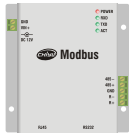











# INDUSTRIAL AUTOMATION

## Serial to Ethernet Converter, Gateway and I/O Controller



- 1 ~ 8 selectable serial interfaces provided
- Total Web based provided for system management
- TCP/UDP Client/Server mode
- Backup & Restore configurable system
- Flow Control mechanism featured
- Short Message Service (SMS) provided for Mobile or Email (BF-450 only)
- I/O controller ports featured (BF-450/BF-2300 only)
- OEM/ODM request welcome

## Selection and Application guide:

<b>Model</b>	<b>ModBus Gateway</b>	<b>BF-430</b>	<b>BF-431</b>	<b>BF-450</b>
<b>Drawing</b>				
<b>Serial Port</b>	RS485/422/ 232 X 1	RS485/232 X 1	RS422/232 X 1	RS485/232 X 1
<b>I/O Port</b>	N/A	N/A	N/A	3 in/3 out
<b>Model</b>	<b>BF-440</b>	<b>BF-480</b>	<b>BF-450M</b>	<b>BF-440M BF-480M</b>
<b>Drawing</b>				
<b>Serial Port</b>	<ul style="list-style-type: none"> <li>• RS485/RS232/RS422 X 1</li> <li>• RS485/RS232 X 1</li> <li>• RS232 X 2</li> </ul>	<ul style="list-style-type: none"> <li>• RS485/RS422/RS232 X 1</li> <li>• RS485/RS232 X 1</li> <li>• RS232 X 6</li> </ul>	TTL X 1	TTL X 4 TTL X 8
<b>I/O Port</b>	N/A	N/A	3 in/3 out	N/A
<b>Model</b>	<b>BF-2300</b>	<b>ATC-101</b>	<b>ATC-106</b>	<b>BF-850</b>
<b>Drawing</b>				
<b>Serial Port</b>	RS485/232 X 1	RS232 to RS422	RS-232 to RS485	USB to RS422/RS485
<b>I/O Port</b>	12 in/6 out			

- Ethernet: 10/100Base-T X 1, 10/100 Auto sense, Half/Full Duplex, Auto cross over (ModBus Gateway, BF-430, BF-431, BF-450, BF-440, BF-480, BF-450M, BF-440M, BF-480M, BF-2300)
- Power requirement: 9~24VDC, 1A (Power Adapter : Option)
- Operation Temperature: 0~65 °C
- Storage Temperature: -20~85 °C
- Operation and Storage Humidity: 5~95%
- Magnetic Protected: Ethernet Port 1.5KV
- Watch Dog for system halting prevention
- Dimension and Weight: check [www.chiyu-t.com.tw](http://www.chiyu-t.com.tw)
- O.S support: Windows XP, Windows 2000, Windows 95/98/ME, Linux, Unix

Welcome to **CHIYU**

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