

BF-430 firmware Release Note

Revised Date: 2012/11/16

Firmware version: 1.16.00

Firmware File Name: BF430-Ver1.16-2012-11-16_code.bin

Build Date: Ver1.1 Nov. 16 2012

Web Image File Name: BF430-realcom-Ver1.1-2012-1116_WEB_IMAG

New Feature:

1. Keep the Serial connection open (all signals) all of the time, even VCOM software or TCP port is not open.
2. If VCOM has not created a virtual COM port and there are no TCP terminal sessions open to the BF430 then the BF430 will send data to its internal buffer until full and then ignore all further data input coming from the serial port, and the Serial port connection must still remain open.

New Setting Items :

Keep the Serial connection open , the new Web setting on below two pages, [Advanced Setup][Operation Mode][TCP Server] and [Advanced Setup][Operation Mode] [TCP Client], default value is **After TCP Connected**.

The screenshot displays the BF-430 web interface. On the left, a sidebar menu includes 'Main Menu', 'One Page Setup', 'Advanced Setup' (highlighted with a red box), 'Serial Type', 'Dynamic DNS', 'Management', 'Device Admin', and 'System Status'. The main content area is titled 'Operation Mode Setup (TCP Server)' and features a dropdown menu set to 'MODE: TCP SERVER'. Below this, several configuration fields are listed: 'Local Listen Port Number' (50003), 'Close Connection When Remote Idle' (100 seconds), 'Access Password' (maxlen 31), 'Keep Alive Check' (radio buttons for Disable and Enable), 'Max TCP Connection' (1), and 'Real COM' (checkbox for ENABLE). At the bottom, the 'Keep the Serial connection open' setting is highlighted with a red box, showing radio buttons for 'All The Time' and 'After TCP Connected'.

Operation Mode Setup (TCP Server)	
MODE: TCP SERVER	
Local Listen Port Number	50003
Close Connection When Remote Idle	100 (seconds)
Access Password	(maxlen 31)
Keep Alive Check	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
Max TCP Connection	1
Real COM	<input type="checkbox"/> ENABLE
Keep the Serial connection open	<input checked="" type="radio"/> All The Time <input type="radio"/> After TCP Connected

BF-430

Main Menu

One Page Setup

Advanced Setup

Operation Mode

Serial Type

Dynamic DNS

Management

Operation Mode Setup (TCP Client)

MODE: TCP CLIENT

Remote Connection Port Number	50003 (0 - 65535)
Remote Host IP Address	192 . 168 . 3 . 74
TCP Connection	<input checked="" type="radio"/> Start Up <input type="radio"/> Any Character
Keep the Serial connection open	<input checked="" type="radio"/> All The Time <input type="radio"/> After TCP Connected

APPLY CANCEL BACK