

FU2200A WEB PAGE MANUAL

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FU2200A WEB PAGE MANUAL

1. WEB PAGE ACCESS

When browse through web page, please guarantee the meter is in same network segment with computer. Meanwhile, need to check the meter's IP address. IP address can access through two methods. Method A is recommended.

Method A:



Double click desktop icon to access PC software main interface. See figure 1-1 below, after the connection through RS485 or network (see Connections in FU2200A Software Manual).

Click **Tools** in toolbar.

Click **Find Device**.

Appear window as figure1-2, click **Scan** can check present IP address in figure 1-2, so the IP address is 192.168.1.17 for this testing meter

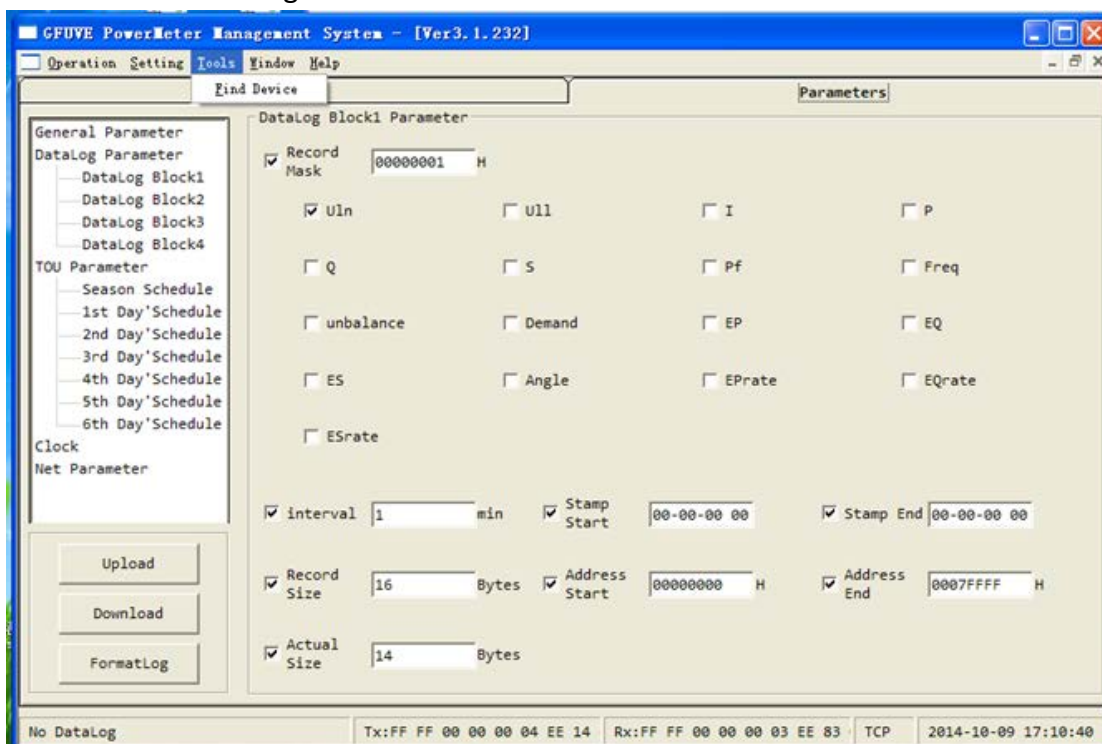


figure 1-1

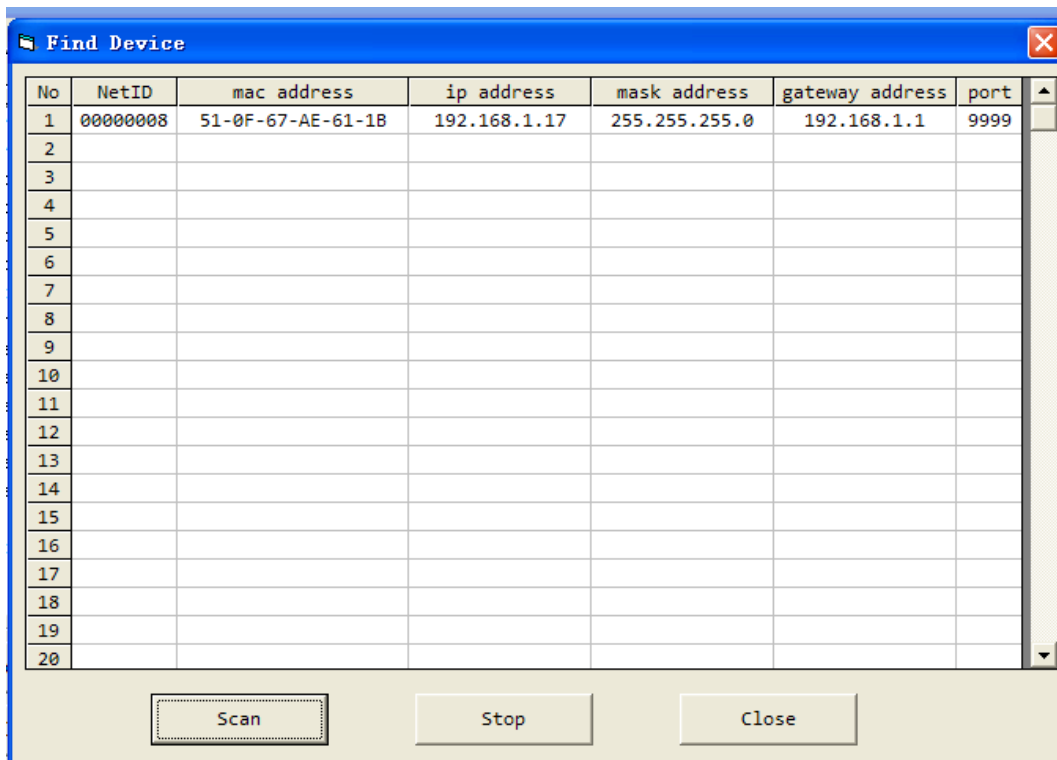



figure 1-2

Method B:



Double click desktop icon  to access PC software main interface. See figure 1-1 above, after the connection through RS485 or network (see Connections in FU2200A Software Manual).

Click **Parameters** in switch area on parameters data read and parameters set, appear window see figure 1-3.

Click **Net Parameter**.

Click **Upload** to check present IP address.

See figure 1-3, so the IP address is 192.168.1.17 for this testing meter

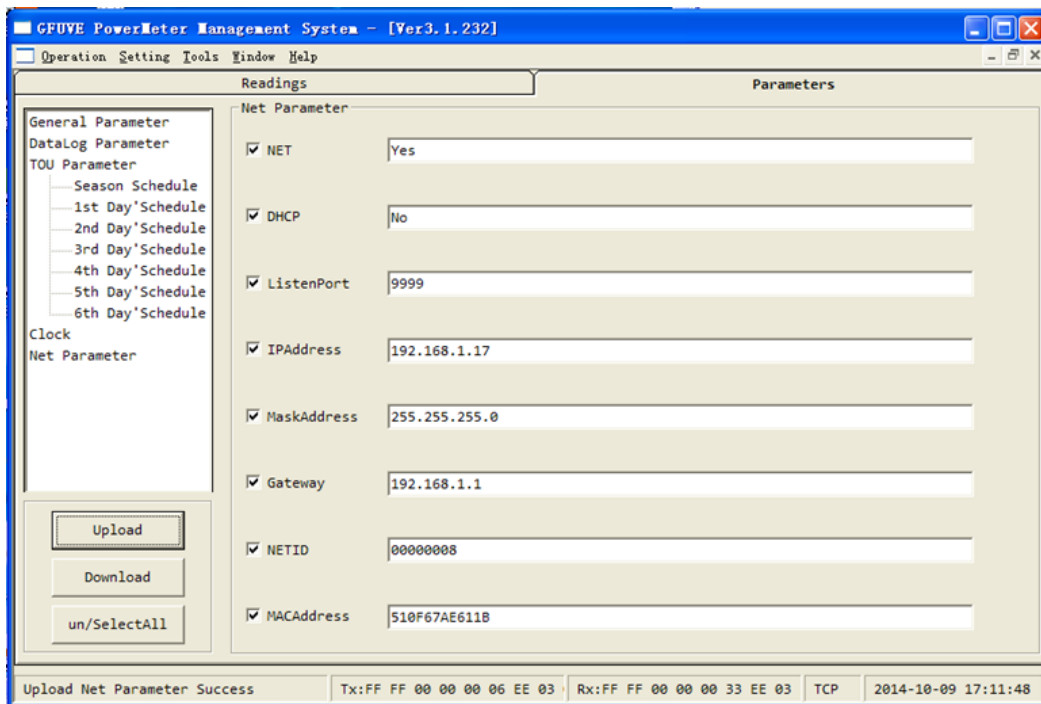


figure 1-3

Make sure the IP address of the testing meter, double click computer IE browser
Enter <http://192.168.1.17/> in search bar and click **Enter** key to access the web page, see figure 1-4.
Now the measuring data of FU2200A can browse.
Web page only read, but cannot edit.

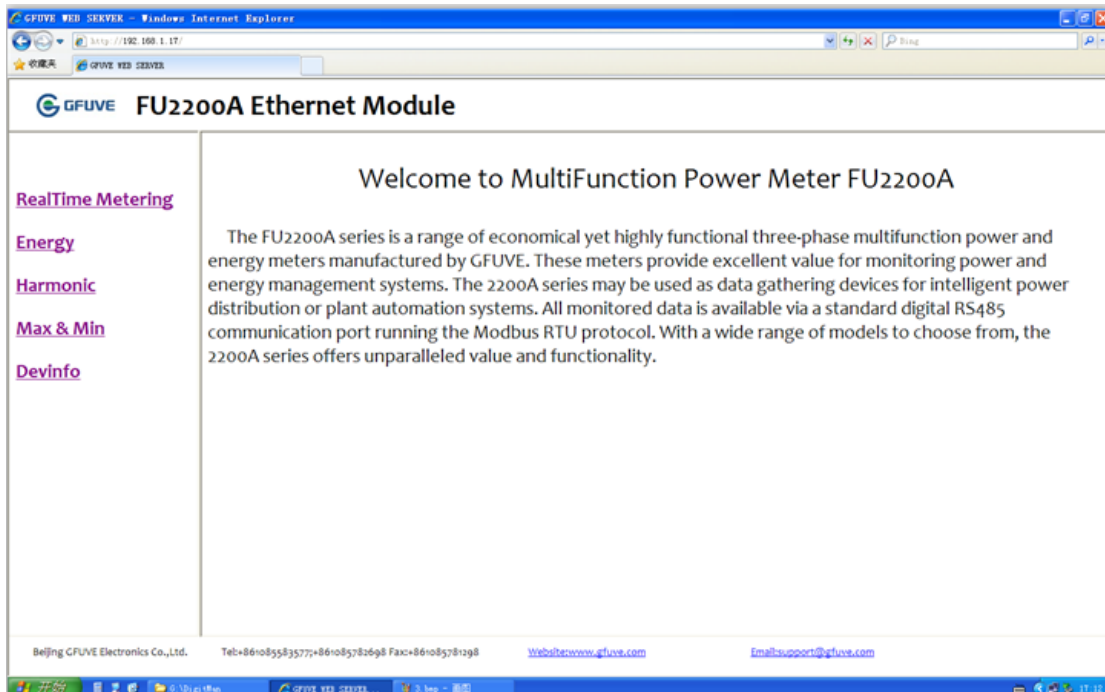


figure 1-4

2. DATA READING

2.1 REAL TIME METERING

Click **RealTime Metering** in quick bar, appear window see figure 2-1.

The interface display real time measuring data including phase voltage, phase voltage average, line voltage, line voltage average, current, current average, active power, total active power, reactive power, total reactive power, apparent power, total apparent power, per power factor, frequency, nature of load, voltage unbalance, current unbalance, per phase voltage angle, per current angle, active demand, reactive demand, apparent demand etc.

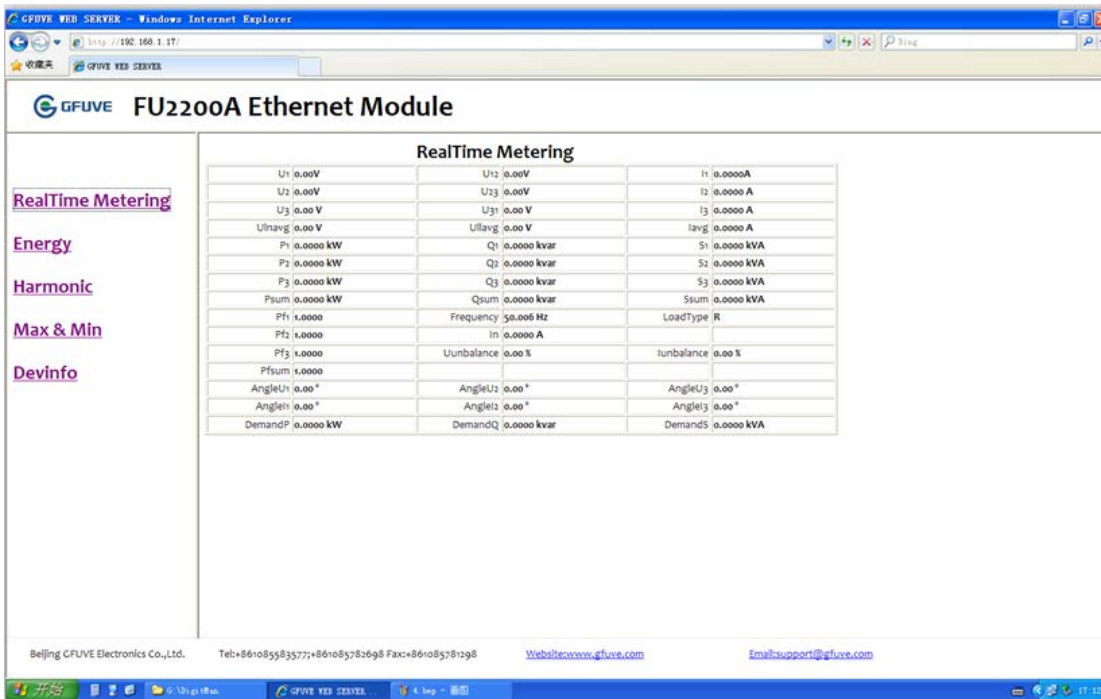


figure 2-1

2.2 ENERGY MEASUREMENT

Click **Energy** in quick bar, appear window displaying real time energy values as figure 2-2. The real time data including

Forward active energy epimp

Reverse active energy epexp

Total active energy eptotal

Net active energy epnet

Forward reactive energy epimp

Reverse reactive energy epexp

Total reactive energy eptotal

Net reactive energy epnet

Forward apparent energy epimp

Reverse apparent energy epexp

Total apparent energy eptotal

Net apparent energy epnet

And each energy value in TOU.

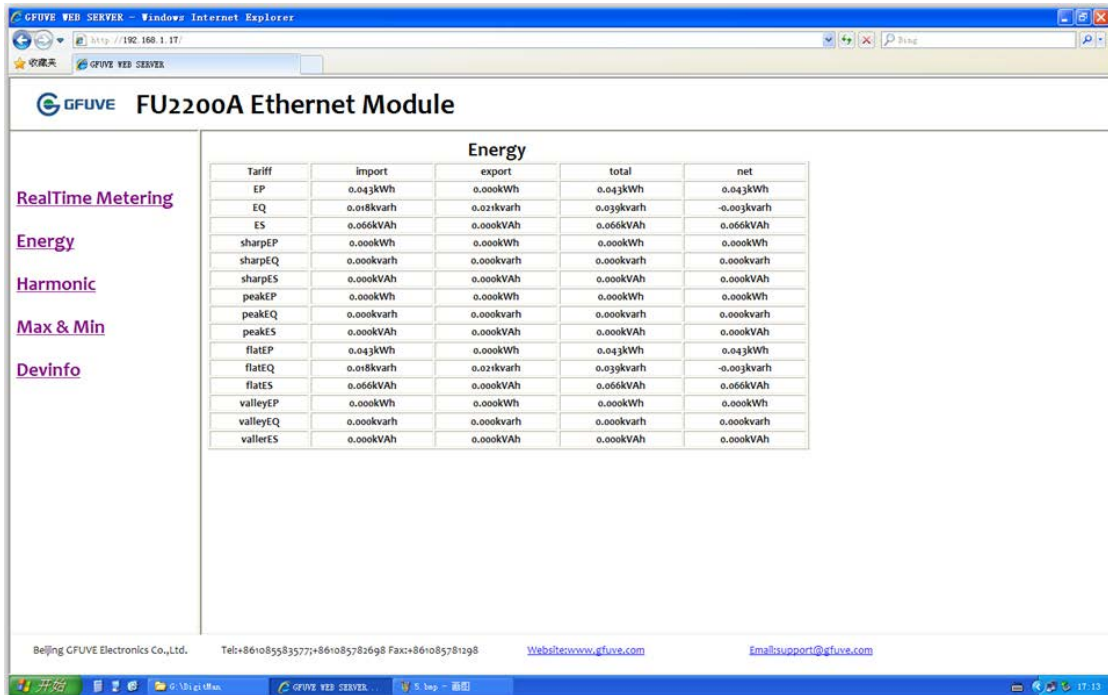


figure 2-2

2.3 HARMONIC MEASUREMENT

Click **Harmonic** in quick bar, appear window displaying THD as figure2-3. It can measure 49 harmonics for voltage and current, THD is total harmonic distortion. 1st harmonics is fundamental wave.

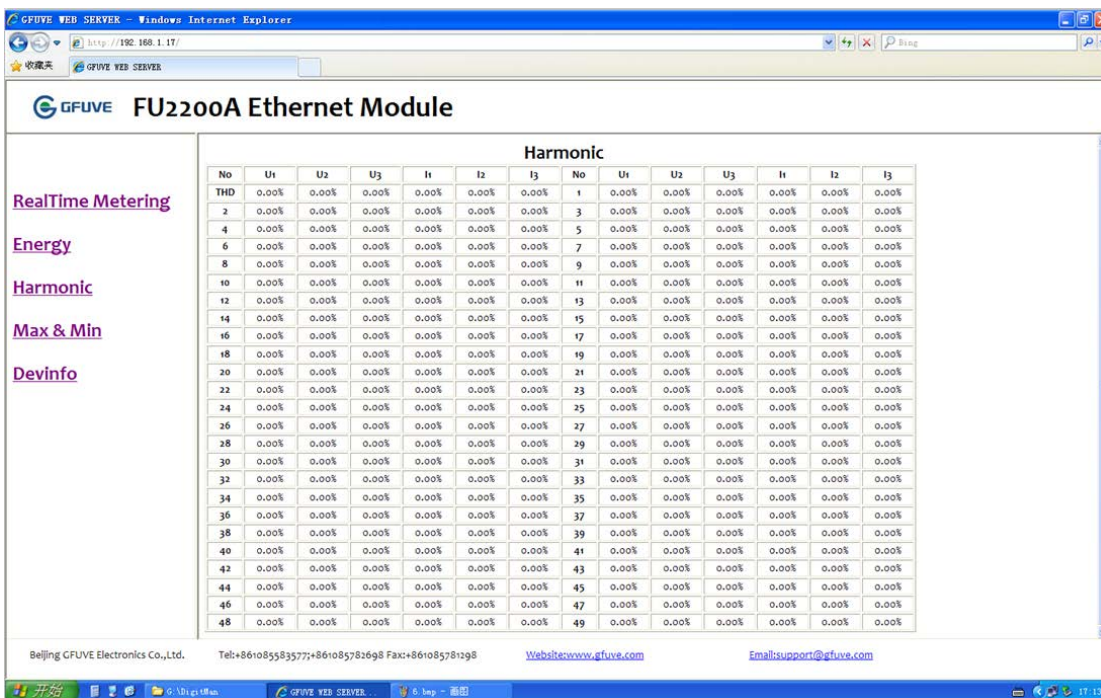


figure 2-3

2.4 MAX/MIN VALUE MEASUREMENT

Click **Max & Min** in quick bar, appear window as figure2-4. The interface read max/min in real time value and the corresponding date for each value, including

- Max per-phase voltage maxU1, maxU2, maxU3 and dates
- Min per-phase voltage minU1, minU2, minU3 and dates
- Max per-line voltage maxU12, maxU23, maxU31 and dates
- Min per-line voltage minU12, minU23, minU31 and dates
- Max per current maxI1, maxI2, maxI3 and dates
- Max per current minI1, minI2, minI3 and dates
- Max active power maxP and dates
- Max reactive power maxQ and dates
- Max apparent power maxS and dates
- Min active power minP and dates
- Min reactive power minQ and dates
- Min apparent power minS and dates
- Max power factor maxPf and dates
- Min power factor minPf and dates
- Max frequency maxFreq and dates
- Min frequency minFreq and dates
- Max active power demand maxDemandP and dates
- Max reactive power demand maxDemandQ and dates
- Max apparent power demand maxDemands and dates
- Min active power demand minDemandP and dates
- Min reactive power demand minDemandQ and dates
- Min apparent power demand minDemands and dates

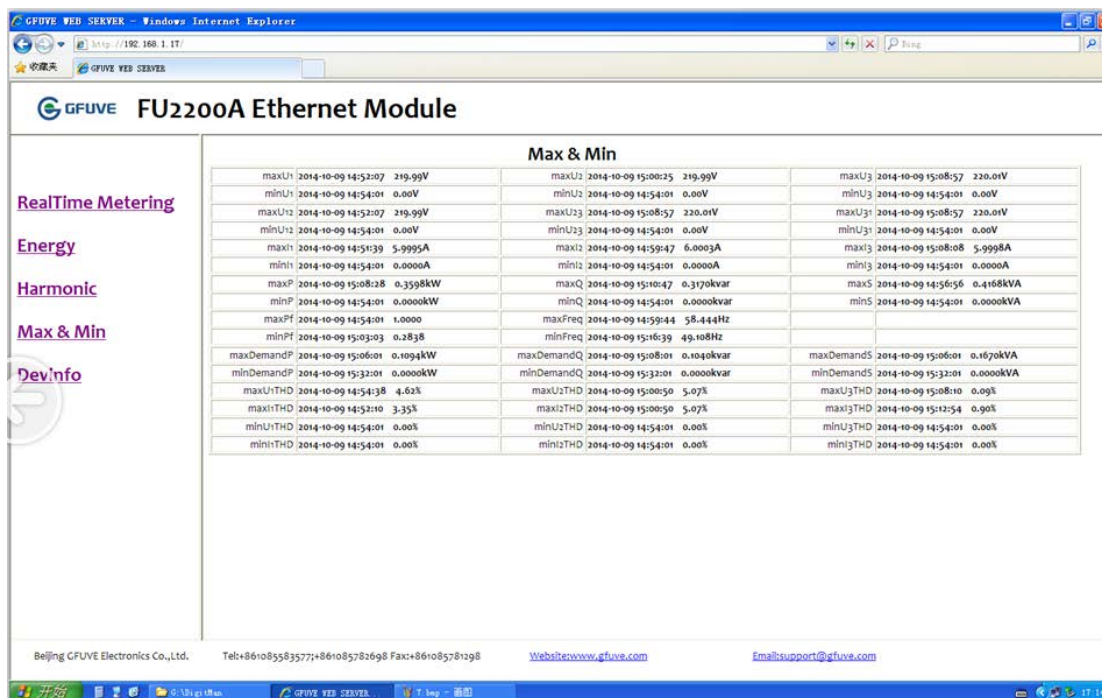


figure 2-4

2.5 METER INFORMATION READING

Click **DeviceInfo** in quick bar, appear window as figure2-5. Interface can read basic info of this meter including

- | | |
|----------------------------|------------------------------|
| Meter hardware version | Meter software version |
| Ethernet hardware version | Ethernet software version |
| Meter address (IP address) | Subnet mask |
| Gateway address | MAC address |
| Net ID | Listening port (Listen port) |

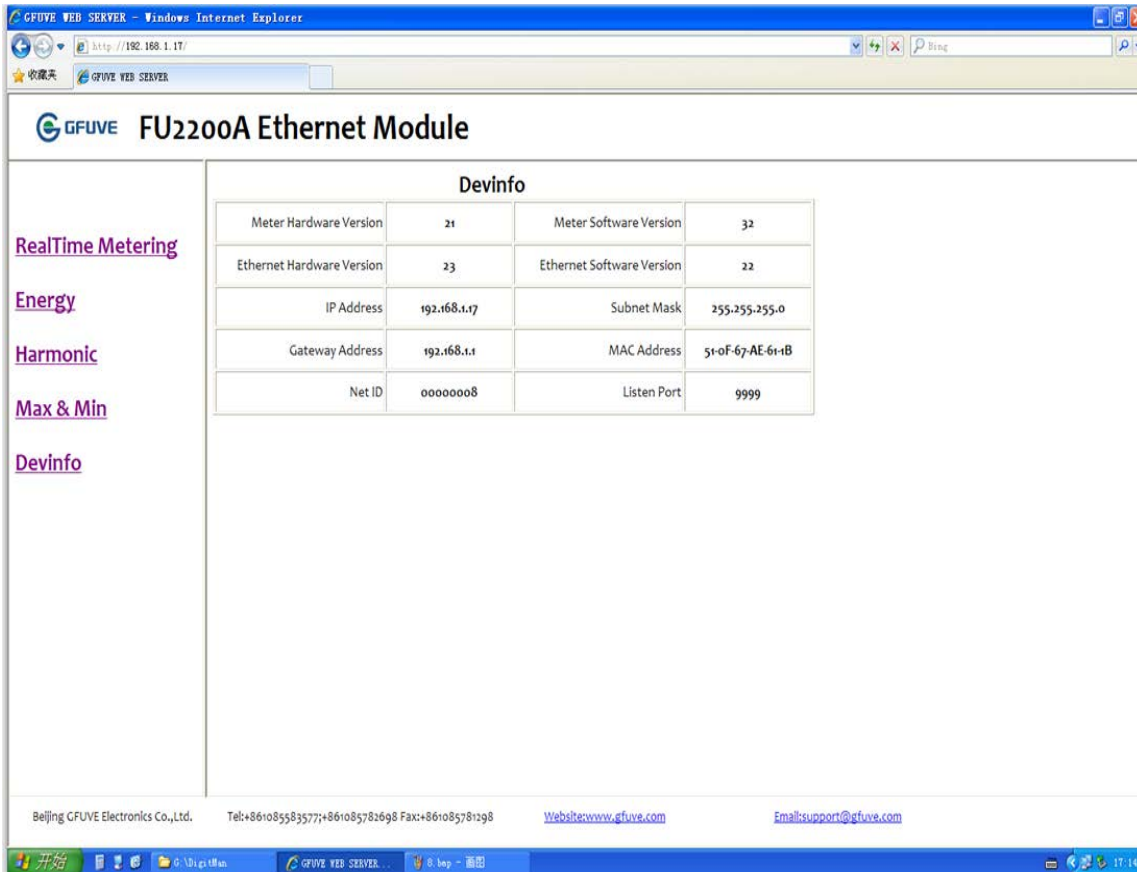


figure 2-5