

“We help you connect”

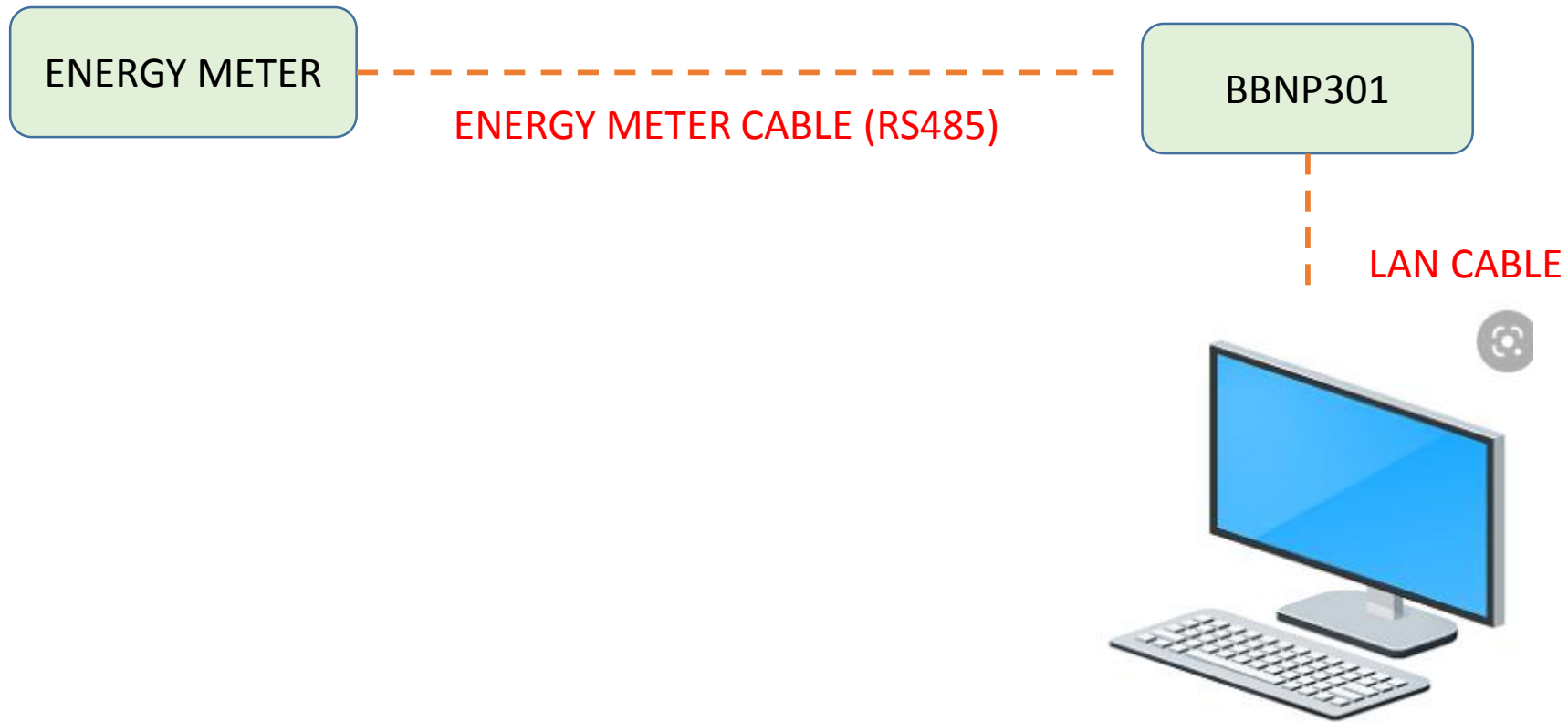
www.bbcpl.in

Winning Solutions...

BluBoxx Communication Pvt. Ltd.



Architecture





- ❑ WORKING TIME CONNECTIONS.
- ❑ GREEN CABLE IS D1+
- ❑ RED CABLE IS D0-



BBNP301 Configuration



- ❑ Open Browser and Logging to the BBNP301
- ❑ Login ip address is 192.168.1.254
- ❑ First power on BBNP301 & energy meter.
- ❑ Change computer ip address.
- ❑ example ip address 192.168.1.13
- ❑ subnet mask 255.255.255.0
- ❑ gate way 192.168.1.1

BBNP301 Configuration



- ❑ Open Browser and Logging to the BBNP301
- ❑ Login 192.168.1.254
- ❑ USERNAME:admin
- ❑ Password: admin
- ❑ open>>Main Menu>>Serial Port Configuration>>Operation Modes.
- ❑ Select mode: TCP SERVER MODE
- ❑ INSERT Local port Local port range 1-65535 (ex:-30000)

- >>Main Menu>>Serial Port Configuration>>Communication Paramètres
- Insert all information of energymeter.
- Baud rate , Data bits, Stop bits, Parity ,
- Flow control, Interface
- Interface RS485/RS422 SELECT

Operation Modes

Port:

COM1

COM1

Mode	<div>Tcp Server Mode</div>
Max connection	<div>1</div>
Local port	<div>30000</div> <div>(1-65535)</div>
Password check	<div>Disable</div>
Send message	<div>Device name</div>
Cmd type	<div>Disable</div>
TCP alive check time	<div>60</div> <div>(0-65535 s)</div>
Inactivity time	<div>0</div> <div>(0-65535 s)</div>
Ignore jammed IP	<div>Enable</div>
Queue access	<div>Enable</div>
Response timeout	<div>100</div> <div>(10-65535 ms)</div>
Frame break	<div>100</div> <div>(10-65535 ms)</div>
Apply to all ports	<div><input type="checkbox"/></div>

Submit

Cancel

Communication Parameters

Port:

COM1

COM1

Serial Parameters

Alias	<div>test-1</div>
Baud rate	<div>9600</div>
Data bits	<div>8 bits</div>
Stop bits	<div>1 bits</div>
Parity	<div>None</div>
Flow control	<div>No</div>
Interface	<div>RS485/RS422</div>

Data Packing ☐

Apply to all ports ☐

Submit


Cancel

ModScan32 - [ModSca1]

File Connection Setup View Window Help

Address: 2701 Device Id: 1 Number of Polls: 18
Length: 10 MODBUS Point Type 03: HOLDING REGISTER Valid Slave Responses: 18
Reset Ctrs

42701: <00000000000000011>
42702: <00011111110110011>
42703: <00000000000000000>
42704: <00000000000101101>
42705: <00000000000000000>
42706: <00000000000000000>
42707: <00000000000000000>
42708: <00000000000000111>
42709: <00000000000000000>
42710: <00000000000000111>



❑ MOD SCAN OUTPUT.



BluBoxx Communication Pvt. Ltd.

**102/B, Surekha Apartment, Pune Satara Road,
Pune-411037. Maharashtra, India.**

Tel :- +91-7875432180 Email:-sales@bbcpl.in

www.bbcpl.in