**Software Required**

**Windows 11 Professional**

**USR-VCOM V4.0.6.4**

**-** 4G modules are used the operator's TD-LTE or FDD-LTE **4G network to achieve two-way data transmission between devices and remote servers without a network**

**LabView Runtime 2021 (Newer version)**

Need to be install in our system

**SQL Server Express**

SQL Server 2022 Express is a free edition of SQL Server, ideal for development and production for desktop, web, and small server applications.

**Online power meter V1.20 for server and Client**

Control the power for both server and client side

**Hardware Required**

**Power Meter GIMAC1000**

**- Power**Quality & Revenue **Meter**: Proven to Deliver World-Class Reliability, Accuracy.

**USR-W600/USR-W/610**

- Serial to WiFi and Ethernet converter **USR**-**W610**, which can realize bidirectional transparent transmission between RS232/RS485 and Ethernet/WiFi

**Access Point**

**-** What is an Access Point? An access point is **a device that creates a wireless local area network, or WLAN, usually in an office or large building**. An access point connects to a wired router, switch, or hub via an Ethernet cable, and projects a WiFi signal to a designated area.

**System Server**

**-**

What is a server operating system? A server operating system (server OS) **runs on a server in a client-server architecture and provides multiple services to client machines within the network**. It forms the software backbone to run various programs and applications