

# DEXGate Quick Start Guide



## Material needed

- DEXGate
- Power supply
- Laptop
- Network cable
- Connectivity



[depend of installation]

## 0 DEXGate



Ports

- Serial port:** 1 RS232 port
- Eth1:** Ethernet administration port, gives a IP by DHCP of the 172.16.0.x range. The default address is 172.16.0.1.
- Eth0:** Power over Ethernet port. PoE (*Power Over Ethernet*) capable. The default IP address is 192.168.1.150
- USB:** 2x USB 2.0
- DC in:** Power input of 7V to 20V.

Specs

- Processor:** AMD Geode LX800 500MHz.
- DRAM:** 256MB DDR DRAM.
- Power requirements:** 7V - 20V DC (PoE or DC in).
- Expansion ports:** Minipci – Minipci Express.
- Storage:** 4GB Compact Flash card.
- Size:** 15,5 x 15,5 x 3 cm approx.

## 1 Network Configuration

Select the option **A**, **B** or **C** depending on your needs

**A** Cable

- Connect the network cable to the **eth0** connector of the DEXGate to the local network.
- Prepare your computer to obtain a IP address using DHCP.
- Connect another **network cable** to your **computer** and the **eth1** connector.
- Access to **http://172.16.0.1** using a web browser of your computer.
- Log in (the default username and password are **admin/admin**).
- Go to **“Wired Network”** and choose between a static IP or dynamic IP using DHCP (contact your systems administrator).

**B** Wi-Fi

- Prepare your computer to obtain a IP address using DHCP.
- Connect a **network cable** from your **computer** to **eth1** connector of the DEXGate.
- Access to **http://172.16.0.1** using a web browser of your computer.
- Log in (the default username and password are **admin/admin**).
- Go to **“Wireless Network”** and choose the desired configuration.

**C** 3G/GPRS

- Insert the SIM card **before** powering the DEXGate.
- Prepare your computer to obtain a IP address using DHCP.
- Connect a **network cable** to your **computer** to the **eth1** connector of the DEXGate.
- Access to **http://172.16.0.1** using a web browser of your computer.
- Log in (the default username and password are **admin/admin**).
- Go to **“Mobile Configuration”** and choose the mobile provider you want to connect to Internet. In the case that your mobile provider isn't on the predefined ones, you can configure the connection manually.

## 2 Register the DEXGate

- Access to **“Register gateway”** section.
- Fill the gaps with the **IP address or the server name** (for almost users will be **www.dexcell.com**), the port (**1196** by default), and the server identifier in order to register the DEXGate (this ID is available on your DEXCell account, inside **Gateways** zone).

## 3 Configure the meters

- **Connect the meters** to the DEXGate. In the full user manual will find detailed information about how to install the most common meters and how to configure the DEXGate to recognize them.
- Generally, the connection of the sensors will have two phases: **physical** meter configuration and **bridge** configuration.

## 4 Verifications

- The device is ready to work.
- Finally, you have to check you are receiving data into your account of DEXCell Energy Manager.

For further information, you can download the full user manual of the DEXGate on <http://support.dexmatech.com>