Netbiter
Remote measurement read out

Wherever your field equipment is located, just simply connect it to an EasyConnect gateway and you will be able to access equipment data directly through the Netbiter Argos data center. The plug-and play feature makes it possible to perform large scale installations quickly without being an IT/Mobile network expert.

Connectivity

EasyConnect gateways connect to the most field equipment via a serial RS-232/485 Modbus interface. On-board I/O extends the EasyConnect gateways by allowing sensors and additional equipment to be added to the system.

Netbiter Argos™ data center

EasyConnect gateways interface directly to the Netbiter Argos data center. Through Argos, you can access and visualize equipment data through the use of user-friendly, customizable, graphical HMI/dashboards. Equipment data such as alarms, usage and trend data can be presented in various reporting formats which can also be included into customer service contracts.

Security

Netbiter EasyConnect gateways offer unique technology for secure access to your industrial quipment behind firewalls and via mobile GSM/GPRS based communication networks. The gateways eliminate the need for public and fixed IP address, VPN tunnels and expensive M2M specific SIM cards.

Netbiter SIM-cards

For EasyConnect gateways that use cellular technology, we offer a SIM card with roaming capabilities to a large number of operators around the world.

EasyConnect EC220

Netbiter EasyConnect EC360 is a small remote gateway that connects with a range of common discrete and analog I/O's to integrate with I/O based installations. It includes a built-in GSM/GPRS modem that automatically communicates with the Netbiter Argos data center (www.netbiter.net) on power up. It automatically starts to show I/O data from the connected equipment. An optional SIM card with (local taxes) can be included at shipment.

Features

- **No IT expertise required**
- **No firewall issues**
- **No VPN required**
- **No static IP needed**
- **No programming**
- **No hassles**

Recommended for

- **Power generators**
- **Telecom base stations**
- **Building HVAC systems**
- **Industrial machinery**
- **Tank monitoring**
- **Pump stations**
- **Renewable energy**

Technical specifications

Description	EC220 - metal housing
GSM/GPRS	Quad band GPRS Class 12 850/900/1800/1900 Mhz
Relay Output	1 (max 24 V, AC/DC, 1A)
Digital Inputs	2 (isolated, max 24 V DC)
Analog Inputs	2 (PT100, 0-10 V or 0-20 mA)
Analog Outputs	1 (0-10 V)
Serial port #1	RS-232 up to 115 kbit/s
Serial port #2	RS-485 up to 115 kbit/s (isolated)
Antenna connector	SMA female
Wall mounting / DIN-rail	YES / YES (optional)
Mechanical dimensions	92 x 115 x 25 mm
Operating temperature	-30 to +65°C
Power supply	9-24 V DC
Power consumption	2W
Certification	CE

UFM