



APPLICATION

- Reading of all M-Bus meters with very high resolution (1 minute possible) and over vast distances (5 km and more)
- Reading of HYDRO-RADIO meters in combination with HYDROMETER M-Bus Receiver
- Automatic transmission of meter data via internet connection (integrated LAN interface or external GPRS modem)

FEATURES

- M-Bus master and level converter in one device. IZAR CENTER (without memory) can also be used as M-Bus repeater (amplifier)
- 60, 120 or 250 M-Bus devices maximum connectable to one IZAR CENTER
- Cascadable to connect more devices or larger M-Bus networks
- (Remote) configuration via USB, RS232/modem or LAN interface
- Direct reading via USB, RS232/modem or LAN interface
- M-Bus transmission speeds: 300, 600, 1200, 2400, 4800 and 9600 baud
- Autobaud detection on RS232
- Extended over voltage protection

MEMORY VERSION

- 256 MByte mass storage integrated
- Data ring memory for max. 500.000 device readouts
- Device list to manage up to 1000 devices
- Programmable automatic meter readout
- Setting of individual reading intervals and retries per device
- Alarm functionality with notification (Email, SMS)
- Control M-Bus devices on alarm (e.g. switch a valve)
- Automatic XML upload of meter data to FTP-Server
- Using alternate FTP-Server if upload fails

SPECIFICATIONS

- Rail-mount housing with fuse profile made of heat resistant plastic (ABS)
- Dimensions (LxWxH): 86x157,5x60mm
- Weight: approx. 500g
- Integrated power supply: 110...230 V 50/60 Hz AC

INTERFACES

- Ethernet LAN interface
- USB interface
- RS232 interface (PC, Analog/GSM/GPRS modem)
- M-Bus Repeater input
- M-Bus output

ENVIRONMENT

- Temperature -20°C to 70°C
- Humidity 10% to 90%

APPLICATION EXAMPLE

