

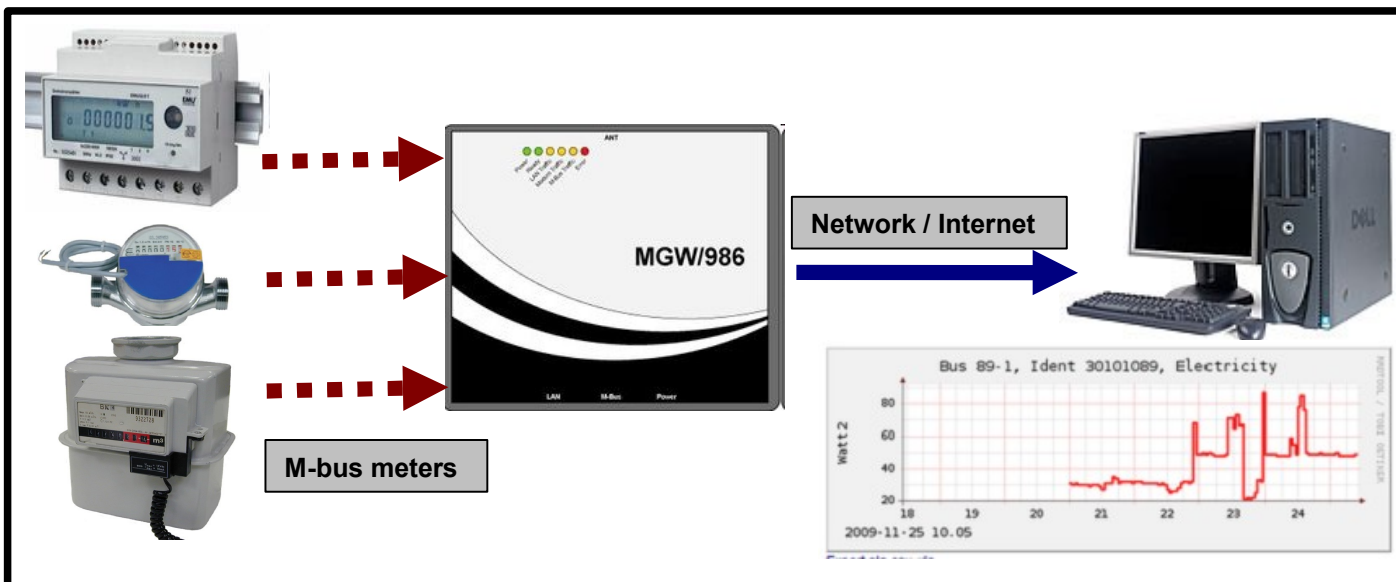
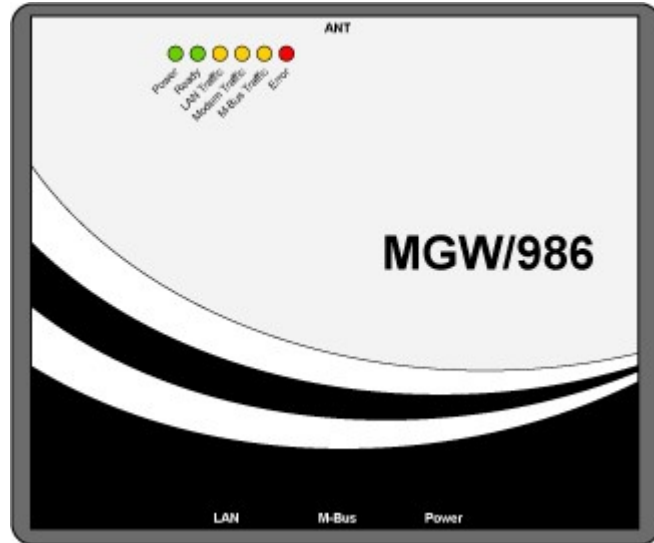


## Smart Metering in Realtime M-Bus Data Logger MGW/x86 ECM

For Smart Metering in realtime: for power, gas, water, energy and more. Smart Metering Box MGW986 – Data logger with M-Bus interface and integrated PC technology for automatic measurement and data logging, internal database and for direct TCP / IP connection in network, intranet, internet. Data formats available as chart or in XLS / CSV format for direct import into Office programmms. Easy access via network, PC and webbrowser.

The system supports the direct connection several M-Bus meters, reads the data automatically, log the data into an internal database and allows the data transmission via IP network.

Datalogger and software for connection to several M-BUS counter, different storage intervalls from hours to months. Roughed userless PC technology with operating system linux, ethernet LAN interface and M-bus interface.



Pictures show samples. Technical information without warranty.



## MGW986 – Smart Metering Box with embedded Linux

### Technical Details:

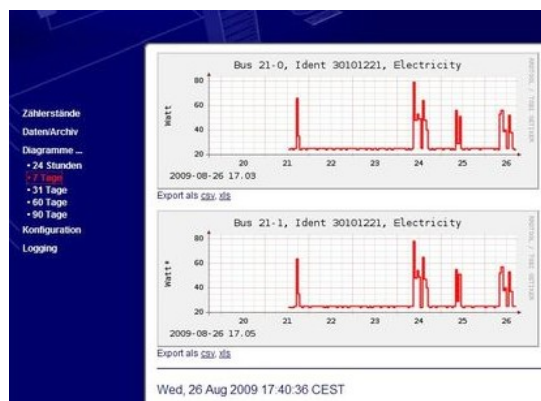
- Data logging system, IP gateway with linux core
- Embedded Vortex 868SX 32bit SOC CPU, 300Mhz
- 64MB DDR2 SRAM, 1GB NAND resident flash memory
- 10/100 Mbit Network LAN interface, RJ45 connector
- M-BUS Master interface, RJ12 connector
- 6 status LED for several communication mode
- Linux kernel 2.4/2.6., stable version
- ECM (Smart Metering Software) software preinstalled
- Integrated serviceless database
- Integrated webserver for data transmission with browser
- Integrated FTP server for data transmission via IP network
- For wall mounting or DIN / rail mounting (see options)
- Smallest sizes from 152,4 x 127 x 31,1 mm
- 12VDC Power, LOW Power fanless
- For 0... +60°C environment temperature
- For 24/7 automatic, userless automatic data logging

### Options:

- External power supply for 110...230VAC
- DIN / RAIL holder for easy mounting
- Wireless / GPRS - for data transmission on mobile phone network

**X86 32bit Linux**  
**RJ45 LAN**  
**Smart Metering**  
**Software**  
**Internal Database**

**M-Bus Interface**



Access with webbrowser - graphic mode



Pictures show samples. Technical information without warranty.

# - PDC - MDC - Barcode - Transponder - Sensors -



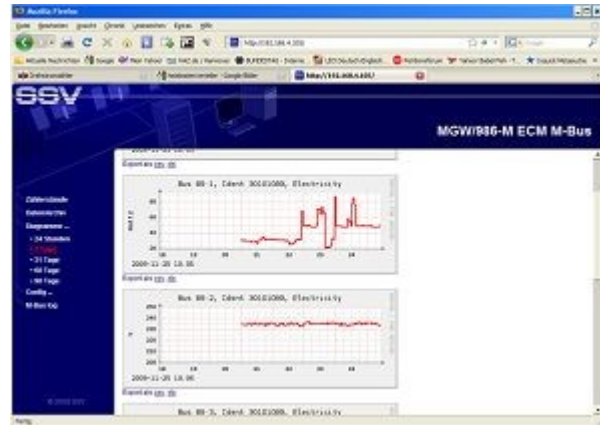
## Automatic Metering without Software

Simple access via webbrowser – as graphic values or for download in office XLS / CSV data format. Optionally with SQL server import.

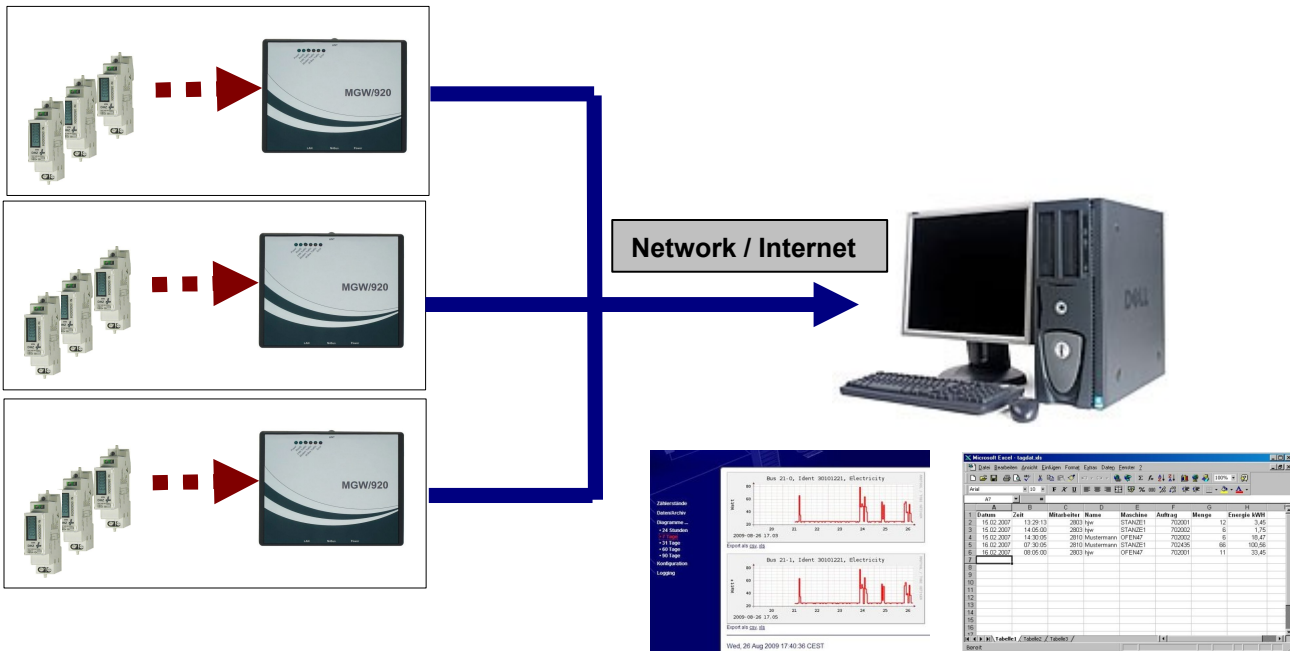
Microsoft Excel - Bus 21-0, Ident 30101221, Electricity 60d.xls

Datum	Watt
09.09.2009 02:00	11.33
09.09.2009 06:00	16.33
09.09.2009 14:00	29.18
09.09.2009 20:00	11.33
10.09.2009 02:00	11.33
10.09.2009 08:00	11.33
10.09.2009 14:00	16.33
10.09.2009 20:00	11.33
11.09.2009 02:00	11.50
11.09.2009 08:00	11.33
11.09.2009 14:00	19.66
11.09.2009 20:00	23.84

XLS CSV Office format



Graphical view in webbrowser



Pictures show samples. Technical information without warranty.