



Datalogger

Communication
interfaces



The solution for

- > Industry
- > Building
- > Infrastructure
- > Local authority



Strong points

- > Easy to install
- > Reliable collection and transmission
- > Advanced functions

Expert Services

- > Study, definition, advice, commissioning, maintenance and training. Our "Expert Services" offer complete support for the success of your project.

Function

DATALOG H80 dataloggers associated with Socomec wireless interfaces enable you to create a smart energy data communication network in order to:

- Remotely and automatically read multi-fluid energy meters and multi-function meters, isolated or not.
- Pool, secure, store and provide the data to a computer application.
- Connect your meters and multi-function measurement units in a 2G/3G/GPRS network.

Advantages

Easy to install

- Quick installation on DIN rail or door mounting.
- Compact.
- Remote configuration.
- Configuration services (SOCOMECS services).

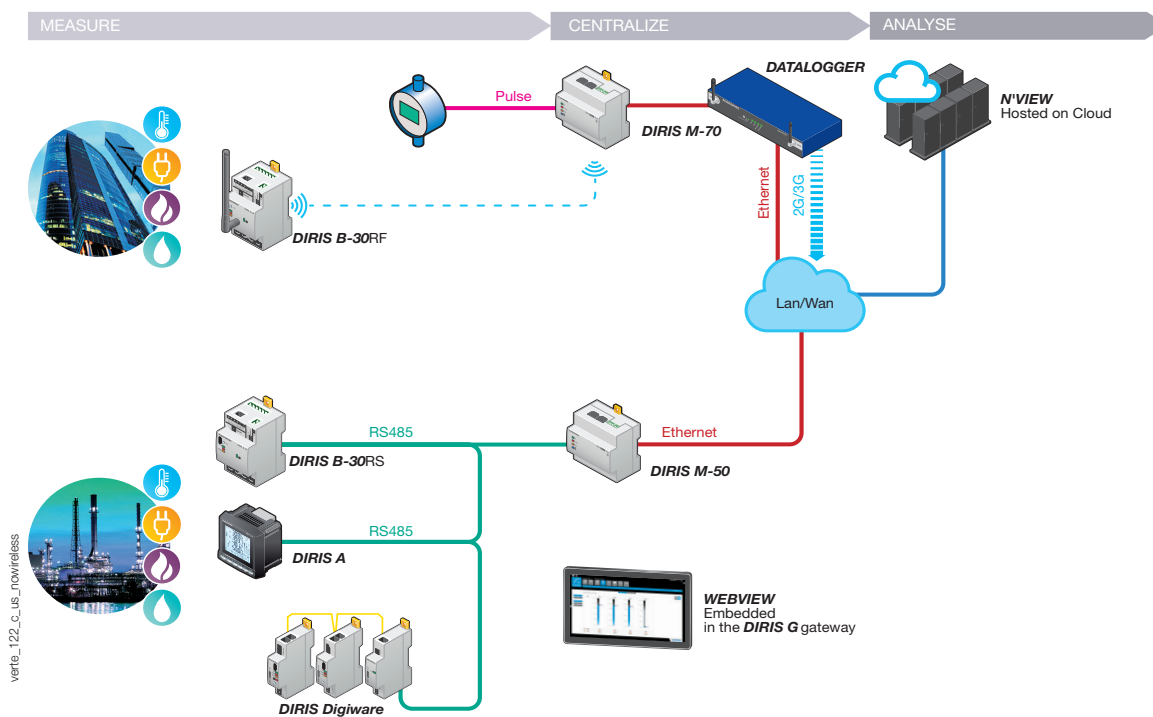
Reliable collection and transmission

- Configurable collection frequency for each energy and multi-function meter.
- Secure, regular transmission (daily, weekly, etc.).
- Multiple communication protocols (Modbus RTU/TCP, Wireless M-Bus, HTTP(s), FTP(s)).
- Collection interfaces: Ethernet - RS232/485 or Wireless.
- Transmission interface: Ethernet or 2G/3G/GPRS.

Advanced functions

- Extended data storage capacity (1 year for index data and 2 months for load curves).
- Auto-detects meters and measuring equipment.
- Sends regular activity reports.
- Event alerts (communication errors, data quality, remote server connection).

The SOCOMEC communicating energy-efficiency solution



Specifications

	DATALOG H80
Input/output interfaces	
Input	
Output	
Serial interfaces	
Input	
Output	
Wireless interface	
Wireless M-Bus	
Network interface	
Ethernet	2 10/100/1000 Mb port
GSM/GPRS	850/900/1800/1900 MHz
3G	900/2100 MHz
Protocols	
Data collection	Ethernet/Modbus TCP;
Data transmission	FTP(s)/ HTTP(s)
Configuration	
Local	Yes
Distant	by FTP

References

Datalogger	Reference
DATALOG H80 (without 3G connection)	4854 0010
DATALOG H81 (with 3G connection)	4854 0011
DATALOG H60 accessory description	Reference
16 ft / 5 m remote antenna extension	4854 0105
32 ft / 10 m remote antenna extension	4854 0110
65 ft / 20 m remote antenna extension	4854 0120