DATALOG H80

Datalogger

with Ethernet communication

new



Function

DATALOG H80 are industrial rated dataloggers with a high storage capacity that can:

- centralise multiple Socomec measurement systems (up to 500 devices) with an Ethernet connection,
- secure and store measurement data locally,
- provide data to Energy Management and Building Management software by exporting automatically and cyclically to remote servers via secure FTPS, SFTP or HTTPS protocols,
- use a local Ethernet network.

Advantages

Easy to install

- DIN-rail mounting.
- Compact.
- Rated to be installed in industrial environments.
- Full configuration done via the embedded web server.
- Automatically detects Socomec meters and power monitoring devices.

Connected

- Automatic export to remote servers (FTPS, HTTPS, SFTP) for energy index, load curves and trends (daily, weekly, etc.).
- email notifications in the event of alarms on a connected device.

Advanced functions

- 160 GB memory enables storage of measurements from connected devices over many years.
- Compatible with third-party Modbus devices.
- Version with embedded energy management software WEBVIEW-L.

Cyber security

- Secure communication protocols to ensure the confidentiality of data (HTTPS, FTPS, SMTPS, SFTP).
- Custom security policy: you can disable ports, services and protocols that are not mandatory to your application, in order to reduce the exposure to cyber attack.
- Robust password policy, to prevent unauthorised users from altering the functioning of the energy management system.

The solution for

- Data centres
- Healthcare
- Energy
- Industry



Strong points

- Easy to install
- Connected
- Advanced functions
- Cyber security

Conformity to standards

- IEC 62974-1
- CE
- FCC

Expert Services

Socomec offers a wide range of services to support you in operation and keep your energy monitoring software up to date.

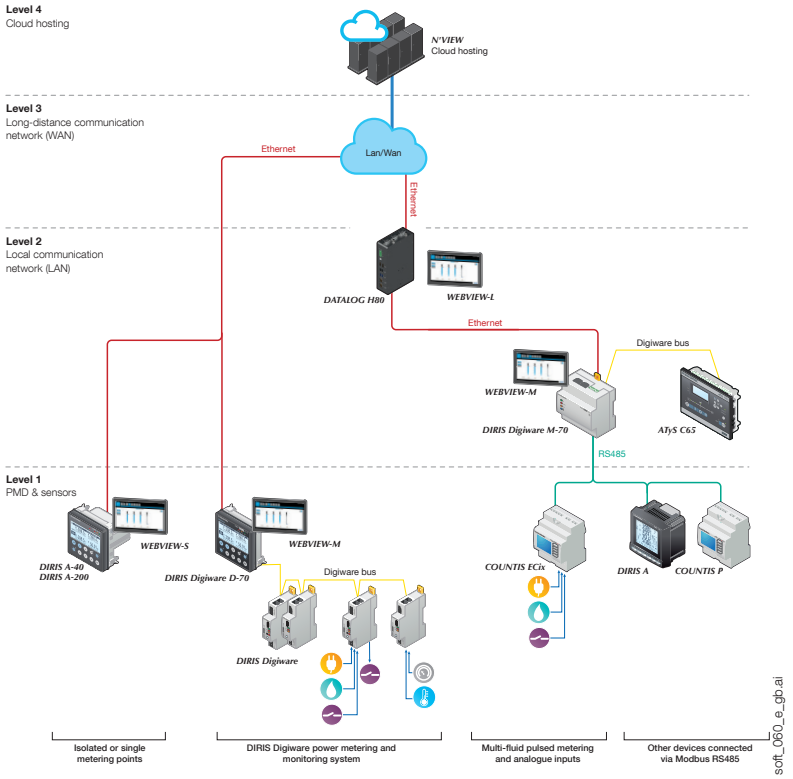
- Training
- Commissioning.
- WEBVIEW-L monitoring software support.

socomec Innovative Power Solutions

General characteristics

- DIN-rail or door mounted.
- Export of data by Ethernet.
- 160 GB memory.
- Cyber security.

Example of architecture for your energy management system



Specifications

Software	
Operating system	Windows 11
Interfaces	
Input	2 x USB 3.0 2 x USB
Output	2 x HDMI 1 3 x COM ports (RS232, RS422, RS485)
Network interface	
Ethernet	2 x 2.5 GbE LAN Ports
Protocols	
Data collection	Ethernet/Modbus TCP
Secure data push	FTPS, HTTPS, SFTP
Configuration	
Local	Yes
Memory	
Memory	160 GB flash memory card

References

Datalogger	Reference
DATALOG H80 (1)	4854 **0210**
DATALOG H80 WEBVIEW-L100	4854 **0220**
DATALOG H80 WEBVIEW-L200	4854 **0230**
DATALOG H80 WEBVIEW-L500	4854 **0240**

(1) Does not include WEBVIEW-L software.