

DATALOG H

Dataloggers

with Ethernet or 4G communication



data1_019_front.eps

The solution for

- > Data centre
- > Healthcare
- > Energy
- > Industry



Strong points

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

Conformity to standards

- > IEC 62974-1
- > CE
- > FCC

Expert Services

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

Function

The **DATALOG H80** et **H81** are industrial rated dataloggers with a high storage capacity that can:

- centralise multiple Socomec measurement systems 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 or HTTPS protocols,
- use a local Ethernet or 4G networks.

Advantages

Easy to install

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

Connected

- Automatic export to remote servers (FTPS, HTTPS) for energy index, load curves and trends (daily, weekly etc.).
- Email notifications in case of alarms on a connected device.
- 4G communication for applications with no Ethernet network available.

Advanced functions

- 64 Go memory allows to store measurements of connected devices over many years.
- Compatible with third-party Modbus devices.
- Version with embedded energy management software WEBVIEW-L.

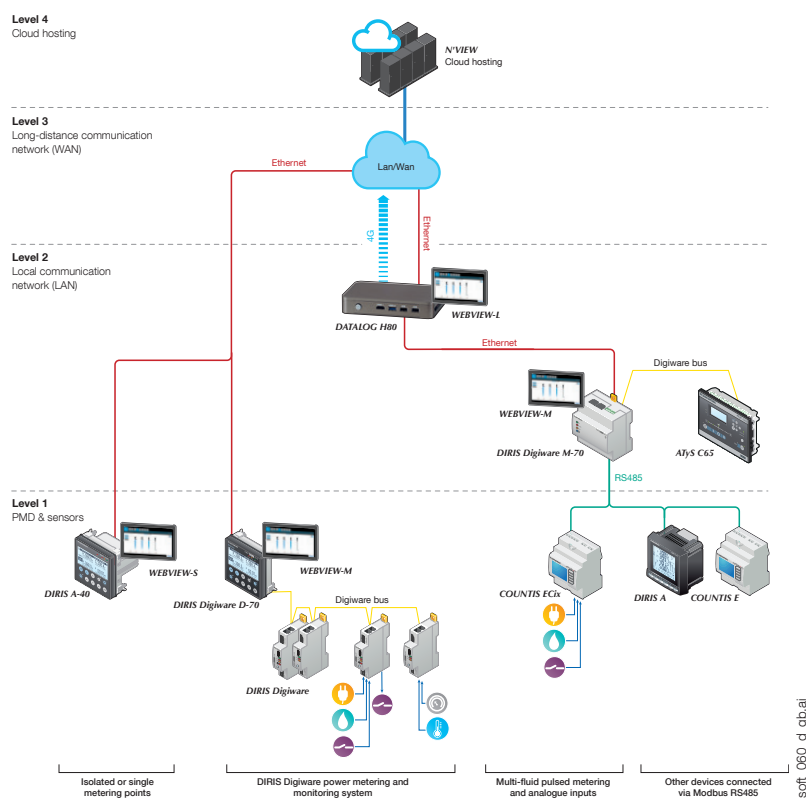
Cyber security

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

General characteristics

- DIN-rail or door mounted.
- Export of data via Ethernet or 4G.
- 64 Go memory.
- Cyber security.

Example of architecture for your energy management system



Specifications

| | DATALOG H80 | DATALOG H81 |
|--------------------------|-------------------------|-------------------------|
| Software | | |
| Operating System | Windows 10 | Windows 10 |
| Interfaces | | |
| Input | 1 x USB 3.0 2 x USB | 1 x USB 3.0 2 x USB |
| Output | 1 x HDMI 1 1 x RS232 | 1 x HDMI 1 1 x RS232 |
| Network interface | | |
| Ethernet | 2 x 10/100/1000 Mb port | 2 x 10/100/1000 Mb port |
| 4G | - | 900/2100 MHz |
| Protocols | | |
| Data collection | Ethernet/Modbus TCP | Ethernet/Modbus TCP |
| Data push | FTPS/HTTPS | FTPS/HTTPS |
| Configuration | | |
| Local | Yes | Yes |
| Distant | by FTP | by FTP |
| Memory | | |
| Memory | Flash card 64 GB | Flash card 64 GB |

References

| Datalogger | Reference |
|--|-----------|
| DATALOG H80 (without 4G connection) ⁽¹⁾ | 4854 0010 |
| DATALOG H81 (with 4G connection) ⁽¹⁾ | 4854 0011 |

⁽¹⁾ Does not include WEBVIEW-L software.

| Accessories | Reference |
|-------------------------------|-----------|
| 5 m remote antenna extension | 4854 0105 |
| 10 m remote antenna extension | 4854 0110 |
| 20 m remote antenna extension | 4854 0120 |