

DATALOG H

Dataloggers

with Ethernet or 4G communication



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.

- > Commissioning.
- > WEBVIEW-L monitoring software support.
- > WEBVIEW-M monitoring software support.

Function

DATALOG H80 and **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 web server.
- 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 the event of alarms on a connected device.
- 4G communication for applications without Ethernet network.

Advanced functions

- 64 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.

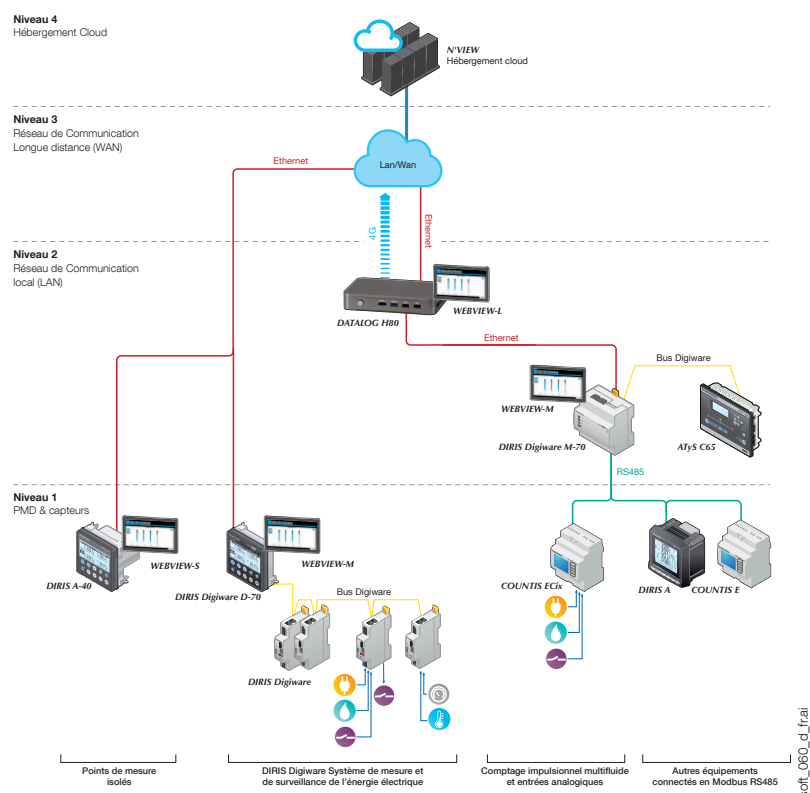
Cyber security

- Secure communication protocols to ensure the confidentiality of data (HTTPS, FTPS, SMTPS).
- 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.

General characteristics

- DIN-rail or door mounted.
- 64GB memory.
- Export of data by Ethernet or 4G.
- 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
Secure data push	FTPS, HTTPS	FTPS, HTTPS
Configuration		
Local	Yes	Yes
Remote	by FTP	by FTP
Memory		
Memory	64 GB flash memory card	64 GB flash memory card

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