



DATALOG H

Dataloggers

Communication
interfaces



The solution for

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



Strong points

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

Expert Services

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

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 3G 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.
- 3G communication for applications with no Ethernet network available.

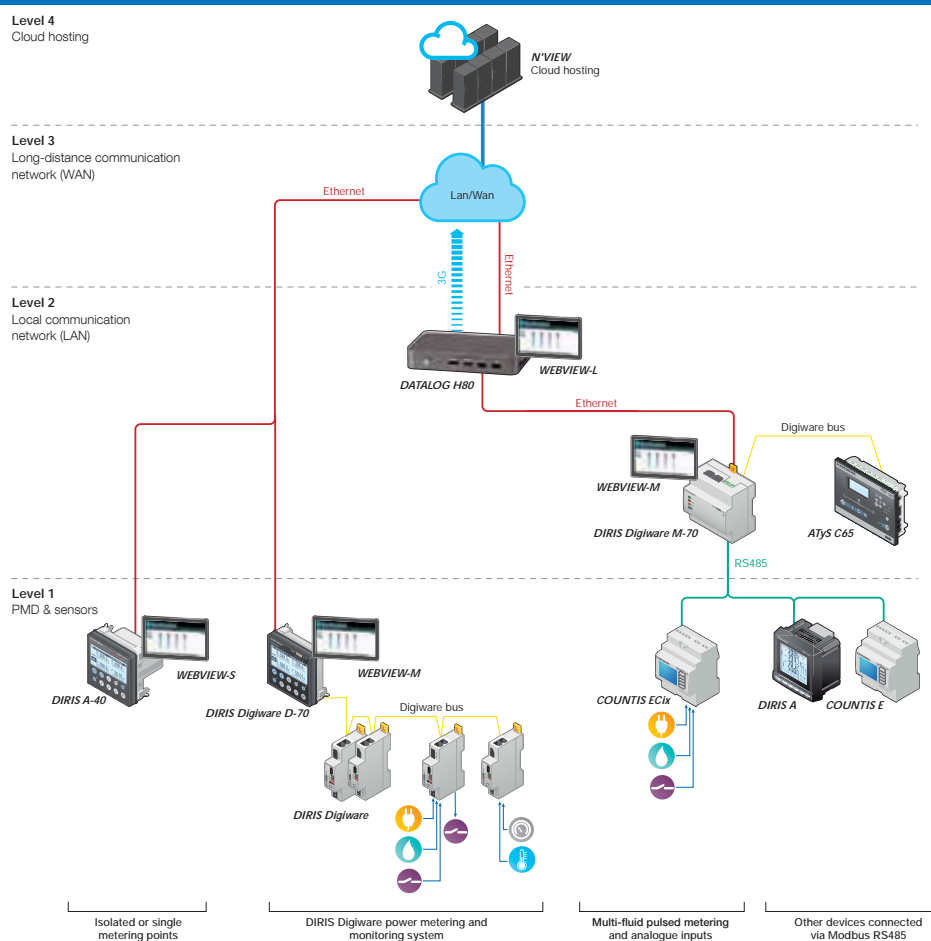
Advanced functions

- 64 GB 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 (refer to WEBVIEW catalogue pages for more information).

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.

Example of architecture for your energy management system



soft_060_c_gbr

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
3G	-	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	Accessories	Reference
DATALOG H80 (without 3G connection) ⁽¹⁾	4854 0010	5 m remote antenna extension	4854 0105
DATALOG H81 (with 3G connection) ⁽¹⁾	4854 0011	10 m remote antenna extension	4854 0110
		20 m remote antenna extension	4854 0120

(1) Does not include WEBVIEW-L software.