

Wireless Remote Management W310 (BRIO)

Standalone local station



W310 is a standalone local remote management station which communicates via the GSM network.

It allows you to process and record data or monitor the technical facilities on sites without a source of energy or located in a disturbed environment.

With its simplified setup, W310 is a highly efficient solution for numerous applications.



CUSTOMER BENEFITS

- Ease of setup
- Self-powered
- Communication by GSM
- Direct information for the operators (measurement, alarms on thresholds)
- Up to 5 inputs whereof up to 4 analogue and up to 4 counting or logical.

APPLICATIONS

- Remote measurement of levels (river, borehole, tank) or pressures (gas storage, boosters).
- Remote reading of counters (energy optimization, invoicing, sectoring).
- Tank/pumping station servo control (intersite link).
- Remote monitoring of cathodic protection.

SIMPLIFIED START-UP

- W310 is delivered pre-configured according to your application. All that is needed then is a few minutes for start-up: installation of the SIM card, configuration of recording and transmission rates, connection to the measuring point, automatic diagnosis of system operation.
- Simplified configuration: data acquisition and transmission in accordance with a parameterizable frequency, battery alarm, remote updating via the Kerwin supervisor.

TECHNICAL CHARACTERISTICS

Lithium battery power supply

- Battery life > 8 years for 1 recording per day and 1 transmission per month.
- Battery life of 5 to 8 years for 1 recording per hour and 1 transmission per day.

Communication

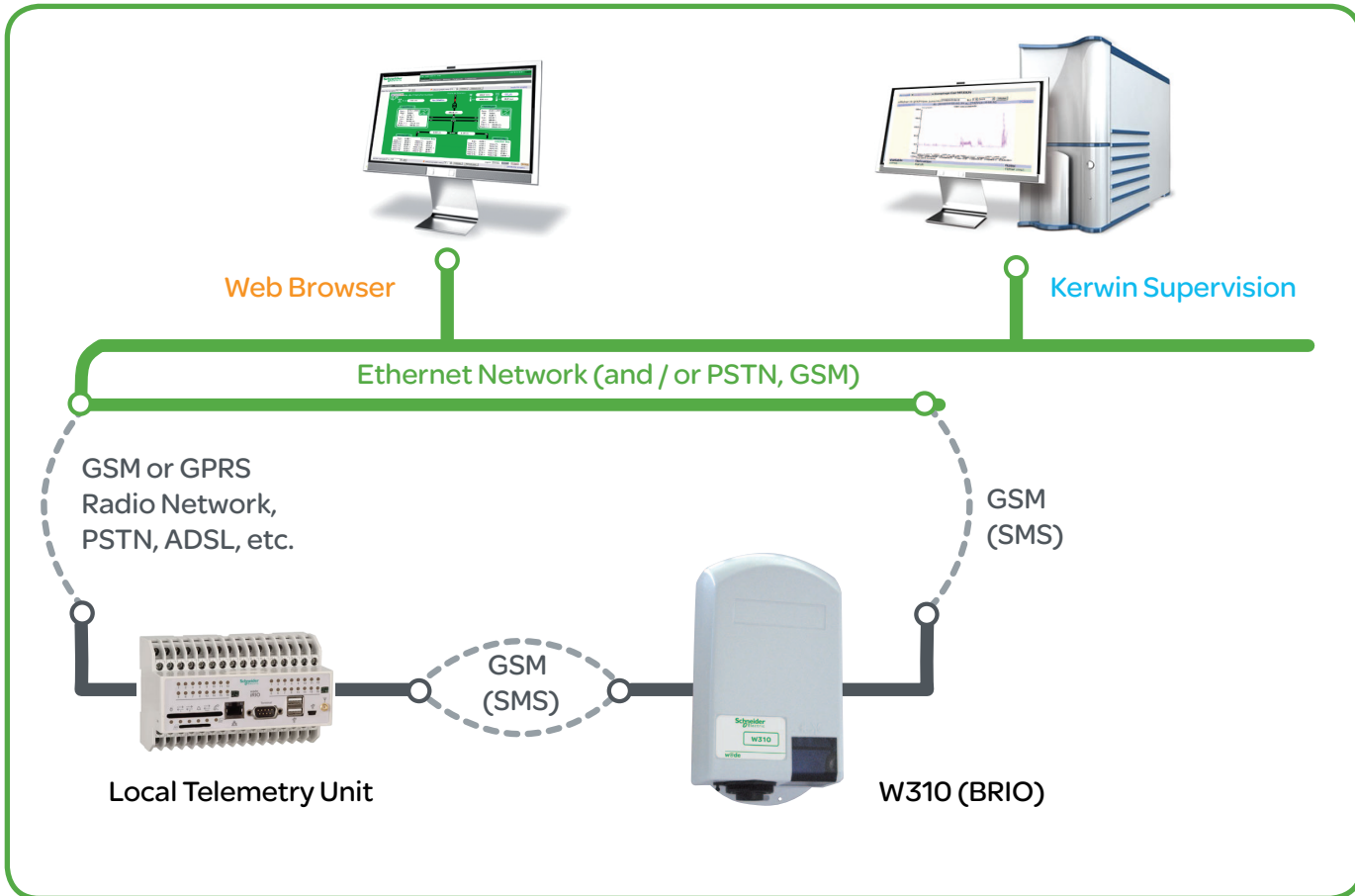
- Quad-band GSM modem: SMS transmission.
- Antenna: internal.
- Sending of alarms, measurement logs and operating diagnostics: by compacted, secured SMS.
- Compatible with a supervisor Kerwin (or other).
- SMS reception (remote configuration).
- Infrared port for parameters setup and local operation.

Input signals

- 4 analogue inputs: 4-20 mA self-powered, 0-100 mV, 0-1 V, +/- 10 V, Pt 100, Pt 1000.
- 4 digital inputs or counting inputs: (32 bits 50 Hz)
- Modbus Master RS485 link.
- Measurement error <0.1%

Enclosure / Environment

- Enclosure: polycarbonate.
- Dimensions: 194.4 x 107.7 x 65.7 mm.
- Operating temperature: -25°C / +60°C.
- IP56
- Certification : CE, UL



Schneider Electric Industries SAS

35, rue Joseph Monier
 CS 30323
 F - 92506 Reuil Malmaison Cedex (France)
 Tel.: +33 (0) 1 41 29 70 00
 RCS Nanterre 954 503 439
 Capital social 896 313 776 €
 www.schneider-electric.com
 info.telecontrol@schneider-electric.com

As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication.

Design: Schneider Electric Industries SAS - Sonovision
 Photos: Schneider Electric Industries SAS
 Printed: Altavia Connexion - Made in France

