

RW14 – REMOTE CONTROL VIA WEB



RW14 is a device with built-in web server that interfaces with the STEIEL measurement instruments; designed both for the needs of control and management of pool water, and for industrial applications.

The configuration, setting and data visualization are performed through special web pages, allowing the user to interface remotely through a simple PC, Tablet or Smartphone equipped with network connection.

Once installed and started, the **RW14** periodically polls the connected instruments, records the data, checks the alarm thresholds and sends email in case of error or fault condition.

In addition the user can choose a specific measurement configuration, display the graph of the acquired values or a table of data or generated alarms, change the system configuration parameters or network settings.

The internet connection is available through LAN port or WiFi module, The remote access to the device is done by connecting to the site www.rw14.it and data visualization does not require the installation of special programs, but a common web-browser as for example Google Chrome (recommended) or Internet Explorer (v.11 and later).

TECHNICAL DATA

Case	shockproof ABS, for wall installation
Dimensions	instrument: 200 x 150 x h80 mm / fixing template: 144 x 98 mm
Protection Rate	IP56
Power Supply	100...240V~ ; 50/60Hz ; 6VA
Internet Connection	LAN port or WiFi module (to be specified upon order)
Standard Input	1 x RS232 input, compatible with: <ul style="list-style-type: none"> • Industrial instruments, series S507 / S508 / S510 / MC10 • Colorimetric units, series MCO07 / MCO14 • Multi-parametric units, series EF207 / EF214 • Compact systems, series EF260 / EF270 / EF300 • Dosing pumps, series EF160 • Dissolving units, Pool-Chem Flex and Pool-Chem Tablet series
Optional Inputs	up to 3 additional RS232 serial ports; 2 analog inputs 4-20 mA, opto-insulated, precision $\pm 0.4\%$ FS; 4 digital inputs, voltage-free contacts
Cable Length	<u>Ethernet cable</u> : max 100 m (Cat. 5 high quality) <u>Serial cable</u> : max 10 m unshielded, max 15 m with shield connected to GND at one side only (RW14 side), max 25 m shielded and located far from power cables <u>Analogic cable</u> : max 100 m con with shield connected to the negative at one side only (RW14 side)

ORDERING CODE: 81820 XYZ

X indicates the communication type

X=0 → Internet connection via LAN port

X=1 → Internet connection via WiFi module

Y allows to choose the number of serial modules

Y=1 → 1 port RS232 (standard version)

Y=2 → addition of 1 module RS232, total 2 serial ports

Y=3 → addition of 2 modules RS232, total 3 serial ports

Y=4 → addition of 3 modules RS232, total 4 serial ports

Z allows to request optional inputs

Z=0 → no optional input (standard version)

Z=1 → addition of 1 analogic module (2 inputs)

Z=2 → addition of 1 digital module (4 inputs)

Z=3 → addition of 1 analogic module + 1 digital module

Note: A maximum of three modules can be added to the standard version.

SERIAL CABLES

Item	Description	Code
CAV/RW5	Serial cable for connection of systems RW / MCO07-EF207, 5 m	8009.9034
CAV/RW15	Serial cable for connection of systems RW / MCO07-EF207, 15 m	8009.9036
CAV/RW-M8-1	Serial cable for connection of systems RW / EF160-EF300-Compac-PoolChemTablet, 1.5 m	8009.9041
CAV/RW-M8-10	Serial cable for connection of systems RW / EF160-EF300-Compac-PoolChemTablet, 10 m	8009.9045
CAV/RW-MULTIP-1	Serial cable for connection of systems RW / EF214-MCO14, 1.5 m	8009.9111
CAV/RW-MULTIP-10	Serial cable for connection of systems RW / EF214-MCO14, 10 m	8009.9115
CAV/RW-IND-1	Serial cable for connection of systems RW / S50x, 1.5 m	8009.9121
CAV/RW-IND-10	Serial cable for connection of systems RW / S50x, 10 m	8009.9125

EXAMPLES OF INTERACTION AND DATA DISPLAY SCREENS

RW14

STEIEL ADMIN ACCOUNT

Dispositivi

ID	Nome	Data ora
1	Interf_01	18-11-12 18:00:14
2	Interf_02	18-11-12 18:00:14
3	Interf_03	12-09-18 18:00:14
4	Interf_04	17-10-15 09:12:14
5	Interf_05	08-10-07 03:12:14
6	Interf_06	17-06-04 03:12:14

Interfaccia Viewc paper1

Interfaccia DigiTab 1

Interfaccia DI_2

Interfaccia DI_4

Interfaccia A2

Alarmi recenti

ID	Data ora	Descrizione
114_001	05-05-05 12:14	Allarme interfaccia disabata
114_002	19-01-19 17:11:14	Allarme interfaccia superata
114_003	19-01-19 17:11:14	Allarme interfaccia superata
114_004	19-01-19 17:11:14	Allarme interfaccia superata
114_005	19-01-19 17:11:14	Allarme Superiore superata
114_006	18-06-18 17:11:14	Allarme Superiore superata
114_007	18-06-18 17:11:14	Allarme Superiore superata
114_008	18-06-18 17:11:14	Allarme Superiore superata
114_009	18-06-18 17:11:14	Allarme Superiore superata
114_010	18-06-18 17:11:14	Allarme Superiore superata

RW14

STEIEL ADMIN ACCOUNT

Nome dispositivo selezionato: s74_026

Verifiche

Da data	Data a ora (dati)	Data a ora (dati)	pH	KX	Temp	SS (mg/l)	SS (mg/l)	SS (mg/l)	SS (mg/l)
07/12/2014	07-12-07 05:12:14	08-12-07 05:12:14	7.74	020	24.8	naif	naif	0.00	0.00
A data	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
10/12/2014	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
Live mode	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
	08-05-07 03:12:14	07-05-07 03:12:14	7.74	020	24.8	naif	naif	0.00	0.00
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STEIEL ADMIN ACCOUNT

Nome dispositivo selezionato: s74_026

Verifiche

Controllo in collaudo



Da data	Data a ora (dati)	Data a ora (dati)	pH	KX	Temp	SS (mg/l)	SS (mg/l)	SS (mg/l)	SS (mg/l)
08/12/2014	08-12-07 05:12:14	08-12-07 05:12:14	7.74	020	24.8	naif	naif	0.00	0.00