XP line
small size, great power

POLA

	01-10-13
PLANT STATE	12:00:00

Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12

ON Alarm   Settings   Installat   Archive   View

A B C D E

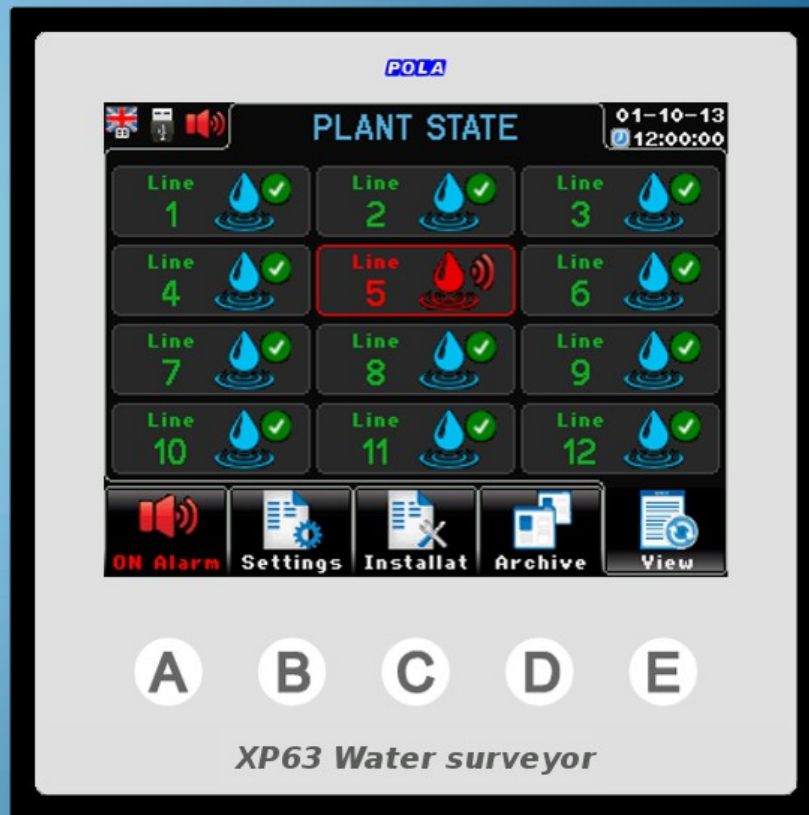*XP63 Water surveyor*

XP63   water surveyor

POLA

The main feature of the XP63 is the color display screen (3.5") with 320x240 dots resolution with led backlighting. **XP63** is made in DIN 96x96 format and the module dimensions are 96x96mm.

The user interface is easy and friendly.
The easy touch screen system gives both the typical "easy to use" approach of a touch screen system and the strength and mechanical protection of a polycarbonate IP54 keyboard.

At every screen the function keys display a different graphic making the program very user friendly.
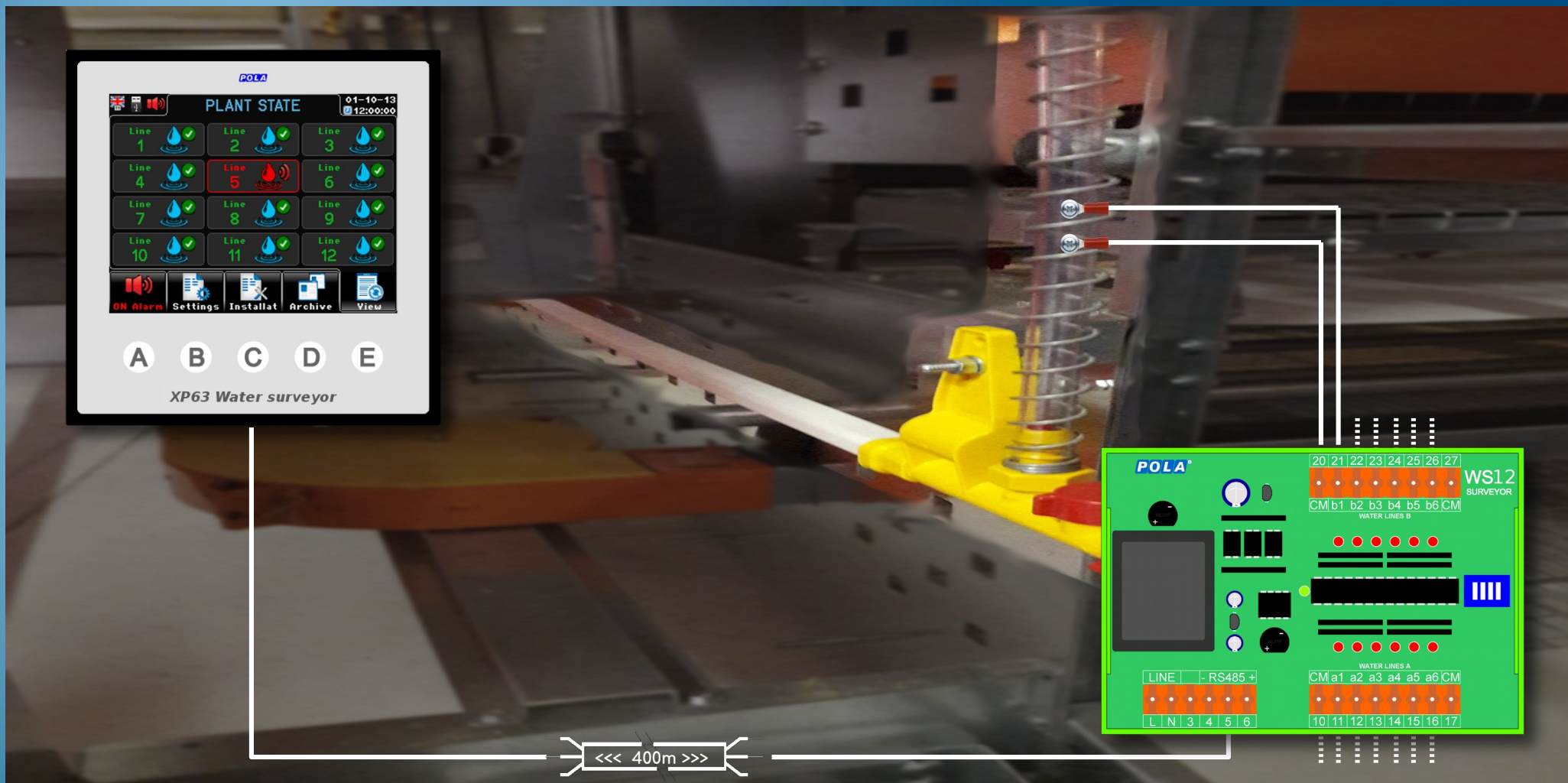
The user can select the display language: all the wordings, acronyms and "help" texts for programming assistance will be displayed in the chosen language.

Each programming step has its own help screen so the program has a "built in" instruction manual.

Water alarm management for drinking water lines

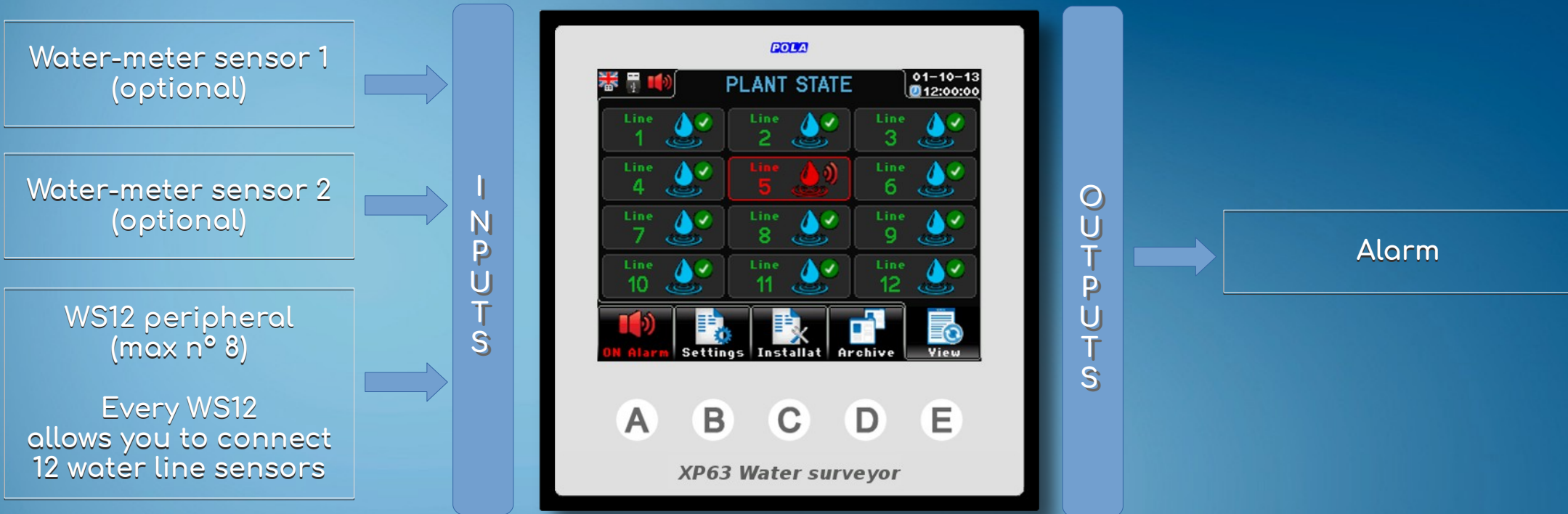Water alarm for drinkers lines (max. 96 lines) for layer houses (in cages or aviaries).
By this control you can diagnose the lack of water in one of the drinkers lines.
Water sensors are made by 2 stainless stell selftapping screws to be fitted to the terminal exhaust pipe of each drinkers line.
XP63 is connected by a serial bus to the WS12 peripheral. This allows to locally connect 12 line sensors. You can connect up to 8 **WS12** extensions to reach 96 line sensors in total. The serial bus allows to place **XP63** also at a considerable distance (400mt) from the **WS12** peripherals (placed close to the water line sensors).

Besides performing the water alarm for each line of drinkers (by the presence of water sensor installed on each line) you can record the water consumption by connecting a water meter (up to 2 water meters) so you can determine the min. and max. daily consumption (and alert in case of alarm) and also record the daily consumptions of the whole cycle.

Inputs and outputs

Water-meter sensor 1 (optional)

Water-meter sensor 2 (optional)

WS12 peripheral (max n° 8)

Every WS12 allows you to connect 12 water line sensors

INPUTS

OUTPUTS

Alarm

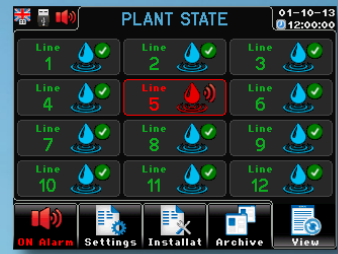Other available connections

➜ **USB plug**
XP63 has a USB plug on the back.
When selecting the **USBP** option you can get a USB plug with a (IP65) protection cap externally mounted so you can access the USB without having to go to the back of the unit.
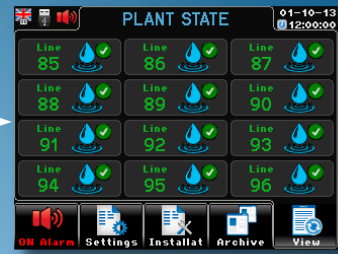
Sample screenshots

Home

Viewing
screens

PLANT STATE 01-10-13 12:00:00

Line 1	Line 2	Line 3
Line 4	Line 5	Line 6
Line 7	Line 8	Line 9
Line 10	Line 11	Line 12

ON Alarm · Settings · Installat · Archive · View

viewing
operating condition (1-12)

PLANT STATE 01-10-13 12:00:00

Line 85	Line 86	Line 87
Line 88	Line 89	Line 90
Line 91	Line 92	Line 93
Line 94	Line 95	Line 96

ON Alarm · Settings · Installat · Archive · View

viewing
operating condition (85-96)

Settings

Settings
screens

SETTINGS 01-10-13 12:00:00

Alarm activation
Alarm test
Starting cycle

Exit · Move · Move · Select

Settings
selection

ALARM ACTIVATION 01-10-13 12:00:00

Alarm activation   Enabled

Exit · Move · Move · Select

Alarm activation

ALARM TEST 01-10-13 12:00:00

Click on 'Start' key to activate the alarm test
(push-button mode).
Release 'Start' key to stop the alarm test.

Exit · Start
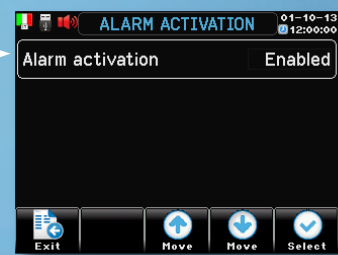
Manual alarm test

Archive

Archive
screen

ARCHIVE 01-10-13 12:00:00

Water
Alarms
Events

Exit · Move · Move · Select

Archives to display
selection

ARCHIVE 01-10-13 12:00:00

📅 01-10-18
Archive date

Water meter 1 (Liters)	0 Lt
Water meter 2 (Liters)	0 Lt
Cycle total	
Water meter 1 (Quintals)	0 Q
Water meter 2 (Quintals)	0 Q

Exit · Graphics · Daily reg. · Day (−) · Day (+)

Daily water
archive

WATER 1-2 (DAY) 01-10-13 12:00:00

20
15
10
5
0

01-10-18
Cycle
Day
− Meter 2
− Meter 1
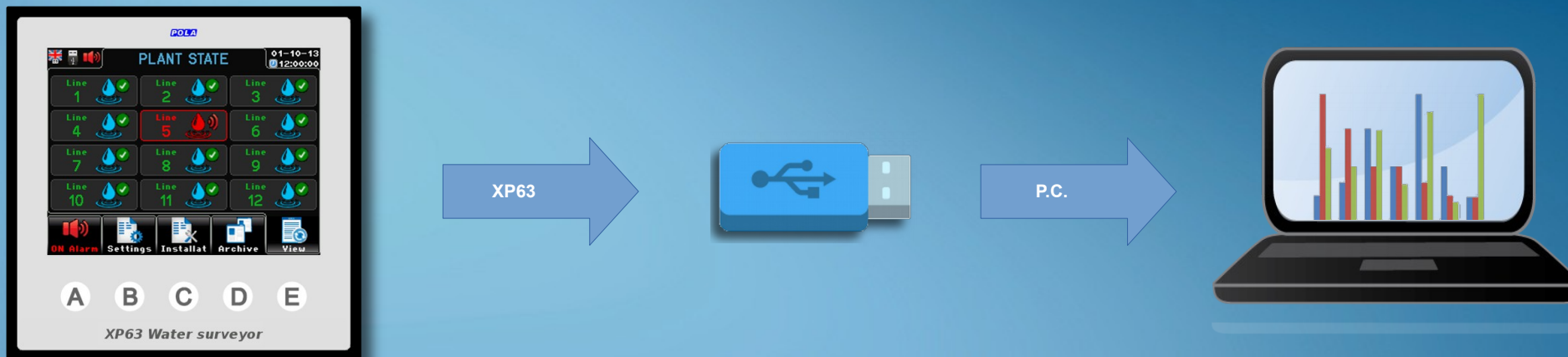
Exit · Day (−) · Day (+)
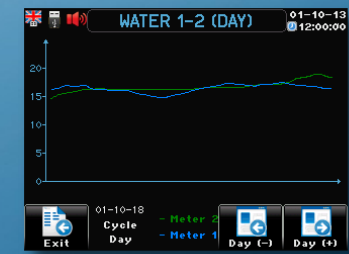
Water cons. 1-2
charts

Data transfer

The communication with the outside world is performed by USB key.

→ **Export archives**
XP63 save in the USB memory a file containing all the day by day recorded data of the cycle.
Connecting the USB key to a PC and by using the XP63 **Dialogue** software you can browse the recorded data in grid or graph formats.

→ **Importing / saving the setting**
You can save a file with all back-up infos on a USB file.
Saved settings can be uploaded on **XP63** anytime by a user friendly procedure.

Remote supervision

ULAN

TR04

XNET   **XNET**

Cable 3x0.5mm2
Max 1000m

TR04

Max

400m

internet

TR04

XNET   **XNET**
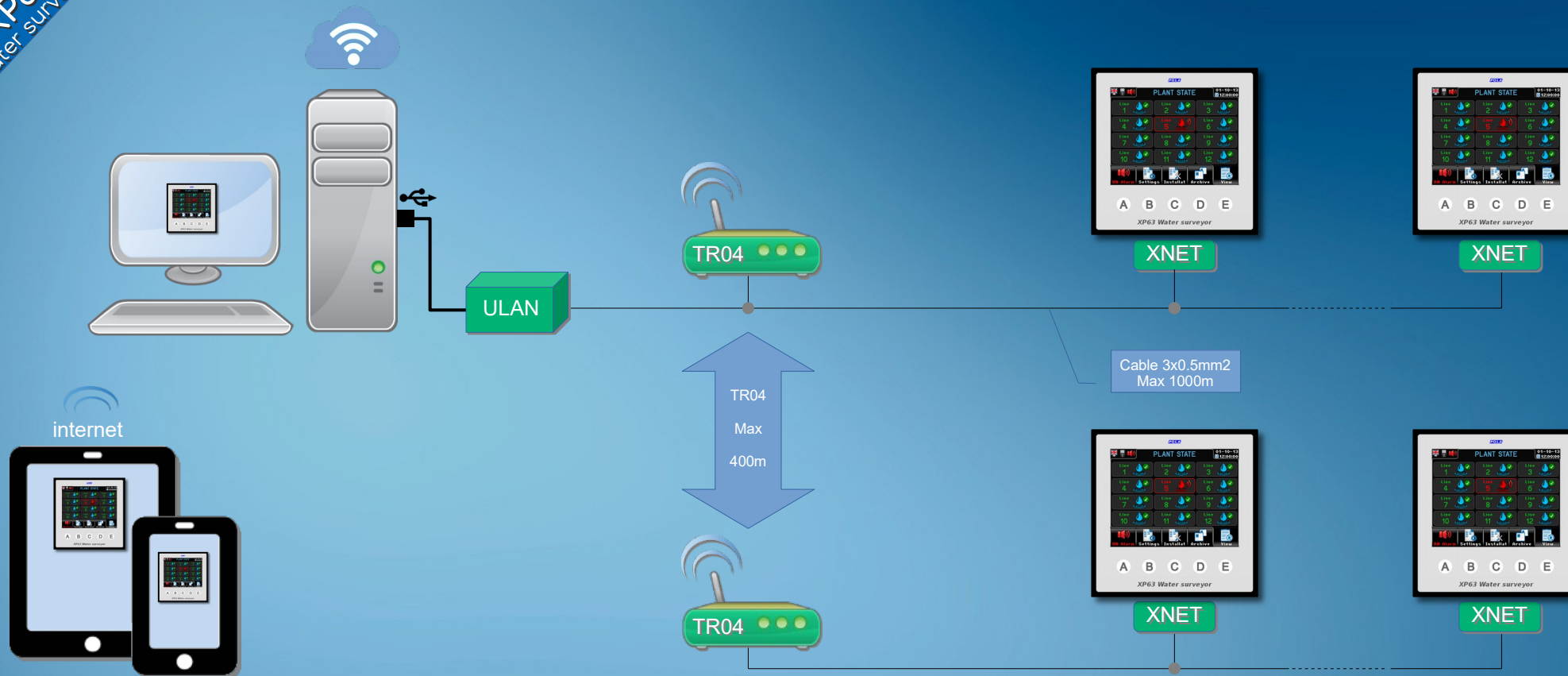
Remote supervision of **XP63** processors grants the full management of system by PC.

The XP63 **Net Pro** supervision software enables the full remote control of network connected processors.
ULAN peripheral is connected to PC through a USB connection. XP63 – **ULAN** connection is done by a simple 3 wires cable.
In all cases where **ULAN** cannot be cabled to XP63 we can supply **TR04** radio-modems with a reach of 400 mt.

Components for creating a supervision system:

➔   **ULAN**: Network server Pc (with USB connection)
➔   **XNET**: Network adapter card (one for each XP63)
➔   **TR04**: Radio-modem 485 (optional, to be used only when it is not possible to use the cable)

Available options

Model	Description
XP63	Water alarm module for drinking lines
-- *Options* --	
WS12	Peripheral acquisition 12 levels of water presence
W01	IP54 box for wall mounting + gasket + transparent cover
USBP	USB IP65 external plug (to be mounted externally, for access to the USB without the need to access the back of the XP63)
CWD	Water-counter
XNET	Network nodal point
ULAN	Network server Pc (with USB connection)
TR04	Radio-modem 485 (IP55 junction box with power supply 230/12v)

Images

XP63
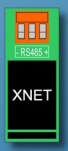water surveyor

W01

XP63   W01

WS12

CWD

USBP
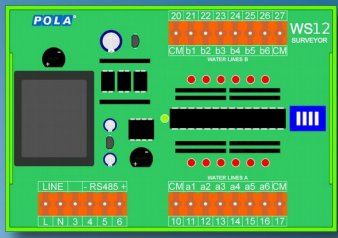
ULAN

XNET

TR04

POLA

www.pola.it

40th

40 YEARS OF INNOVATION