FUEL TANK MONITORING · MADE IN ALGERIA

Touchscreen Tank Monitoring Console

Monitor up to 8 probes and manage every tank from one simple, secure console.

The console gathers the essential values of each tank — product volume and height, temperature and water level — and presents them through an intuitive touch application built on Qt. A circular menu gives users direct access to every function.



up to **8**	**4**	**16**	**2**
Probes managed simultaneously	Tanks displayed together on the home screen	Integrated relays (2 dedicated per probe)	Password levels: Admin and Client/Technician

Why choose this console

Complete tank overview
Four tanks on one screen: fuel grade, volume, height, temperature and water at a glance.

Simple, intuitive operation
A touch application with a circular menu to navigate every available function.

Secure access
Dual password protection separates Admin access from Client/Technician access.

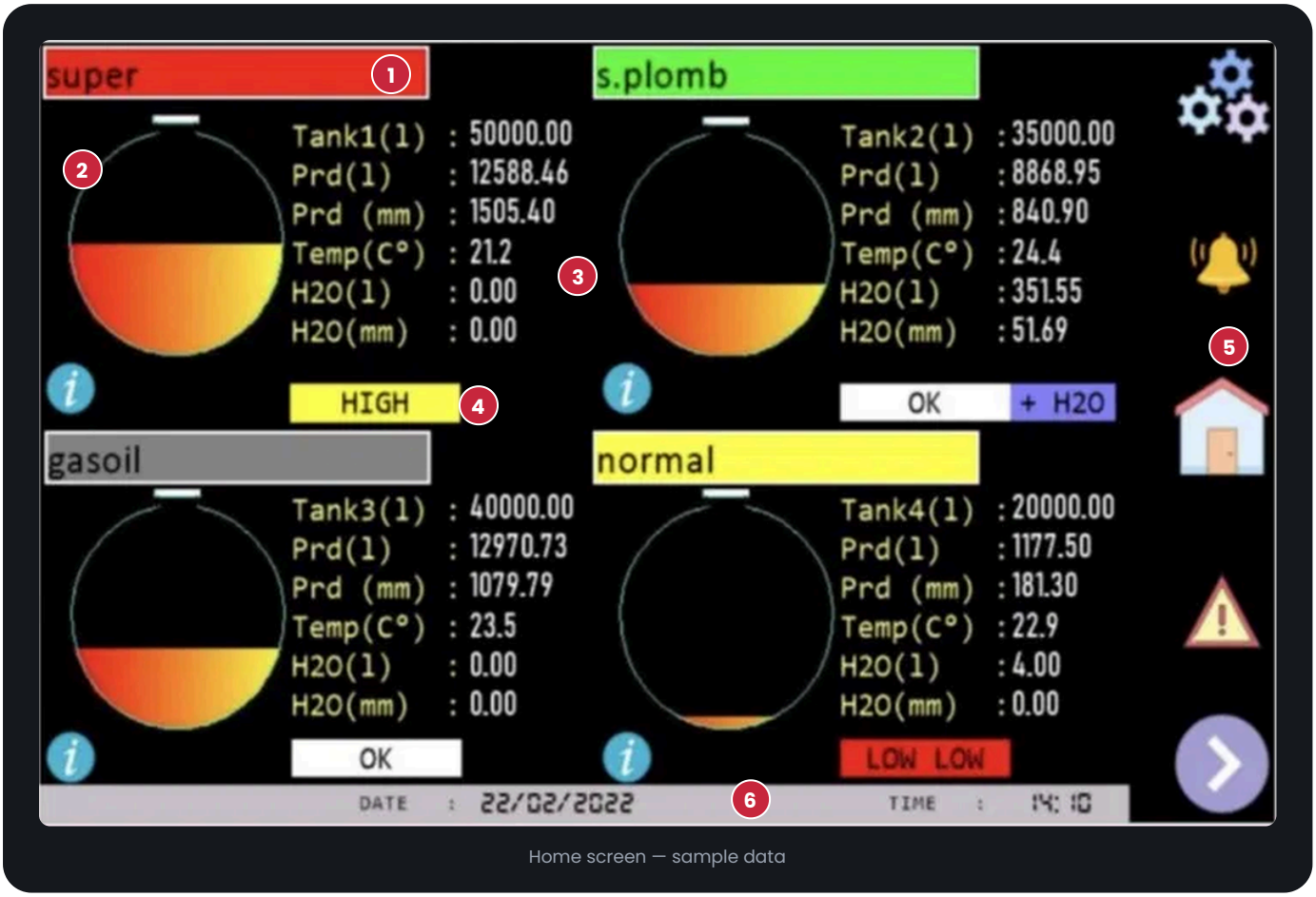
Multi-probe capability
One bus handles up to 8 probes simultaneously, each with 2 dedicated relays.

Easy to integrate
Compatible with service-station management systems and with XMT and XLR probes.

Made in Algeria
A locally manufactured solution, built for fuel storage management.

Everything about your tanks, on one screen

The console runs a Qt application that manages all the fundamental values required for optimal tank management. The home page displays four tanks simultaneously.



Home screen — sample data

1 Fuel grade tag
Colour-coded label showing the product stored in each tank.

2 Level gauge
Graphical fill level of the tank, with an info (i) button for each tank.

3 Measured values
Tank capacity, product volume and height, temperature, water volume and height.

4 Status flag
Colour-coded state of each tank, such as OK, HIGH, LOW LOW or + H2O.

5 Side menu
Quick access to settings, alarms, home, warnings and next page.

6 Date & time
The current date and time are always shown at the bottom of the screen.

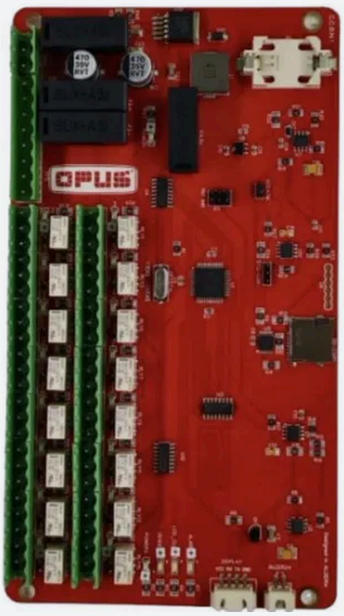
Values monitored for every tank

Tank capacity (L)	Product volume (L)	Product height (mm)
Temperature (°C)	Water volume (L)	Water height (mm)

Technical specifications

Console	
Probe bus capacity	Up to 8 probes simultaneously
User interface	Touch application with circular menu
Display	4 tanks shown simultaneously on the home page
Security	Dual password protection (Admin and Client/Technician)
Software	Qt application
Compatible probes	XMT models (EXD 485, SI 485, SI RF) and XLR SI 485

Motherboard B.N.C.C.1	
Integrated relays	16 relays (2 dedicated per probe)
Interfacing	Compatible with service-station management systems



B.N.C.C.1 motherboard
16 integrated relays



Compatible probes

The console bus accepts up to 8 probes: XMT models and the XLR SI 485.

XMT EXD 485 · XMT SI 485 · XMT SI RF · XLR SI 485

Equip your service station with confidence

Contact ALRAYHENE for a quotation, a demonstration or technical information.

Specifications are subject to change without notice. Screens shown with sample data.