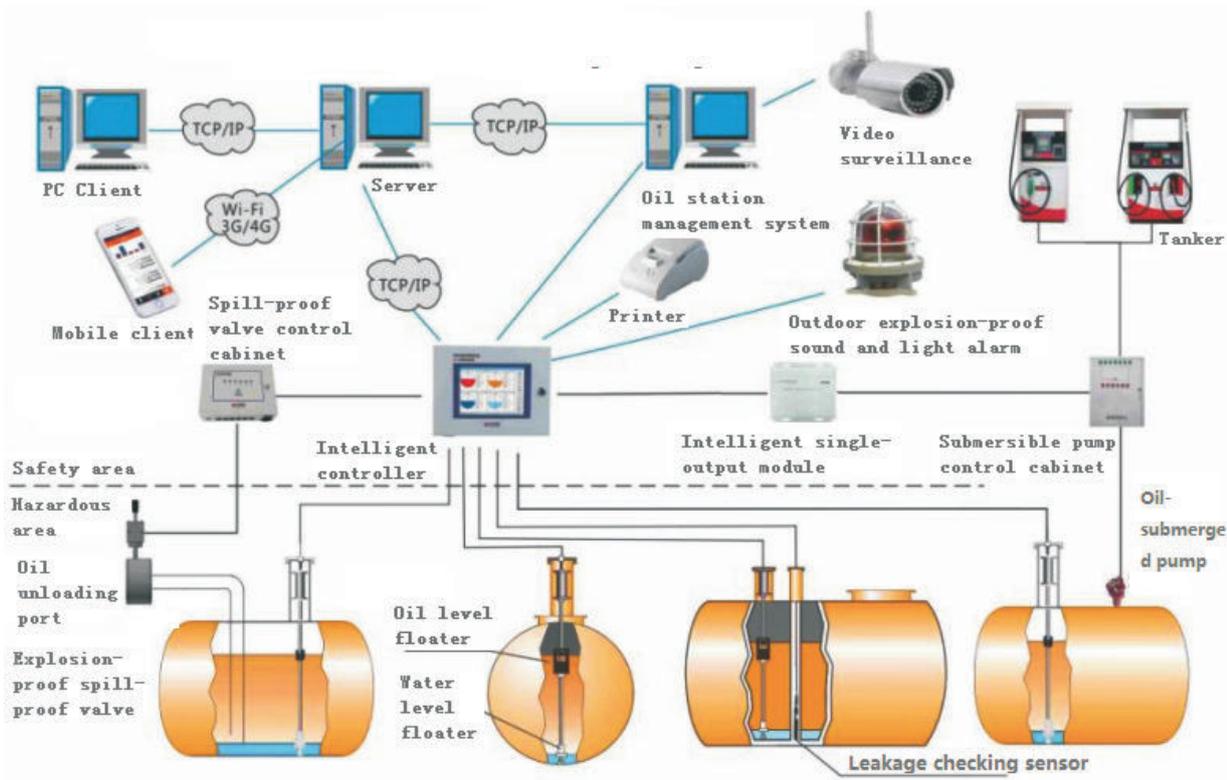


GLT622

SYSTEM SCHEME

- Automatically measure oil level, interface, density and temperature of tank and automatically calculate tank storage capacity.
- Automatically generate stock, sale, store and alarm report, provide query and print function.
- To set high and low oil level alarm, high water alarm, high temperature alarm, etc.
- Simultaneously monitor multiple tanks.
- 8-inch color touch screen, display color graphics text.
- With two relay output interfaces, connect external explosion-proof sound and light alarm.
- With RS485 output interface, control oil spill-proof device and intelligent output module.
- Open communication protocol provides data support for third-party software.
- To provide remote monitoring, implement remote computer or mobile phone client data real-time query through the internet.
- With density measuring interface, connect density transmitter to measure oil density.
- Have oil stolen alarm function when stop refueling.
- With alarm and video monitoring linkage display function.
- Connecting double layer tank and pipeline leak detection sensor.
- Connecting the data collector to read the tanker data to generate or modify the storage tank filling table.
- Have equipment fault self-diagnosis function.



INTRODUCTION

Magnetostrictive probe adopts advanced magnetostrictive technology and digital electronic technology design, the main processor (CPU) uses high frequency arithmetic processor, circuit design uses high precision instrument to amplify circuit, real digital communications, can accurately measure the oil level, water level, density and multi-temperature of the tank. It has high precision of measurement parameters, complete data, strong anti-interference ability, strong environmental adaptability, reliable data security, advanced algorithm and so on.

FEATURES

- Stainless steel structure, corrosion resistance and impact resistance.
- Intrinsically safe explosion-proof design.
- Non-contact measurement ensure long service lifetime.
- No need to periodically re-calibrate and maintain.
- Digital communication ensure accuracy and reliability.
- High precision and resolution.
- Good repeatability and reliability.
- Reverse polarity protection function.
- Lightning protection and radio frequency interference.
- Exquisite structure and well environment adaptation.
- Easy to install and maintain.

SPECIFICATION

Item	Technical index
Application	Measuring oil level, interface, density and temperature of oil tank
Power supply	DC12V, 50mA
Range	50~4500mm
Precision	±0.5mm/±0.25mm
Repeatability	±0.1mm
Oil level resolution	±0.0069mm
Interface resolution	±0.0069mm
Density accuracy	1kg/m ³
Operating temperature range	-45~85℃
Maximum communication distance	1200m
Communication mode	RS485
Point of temperature measured	5
Protection grade	IP67



Console



FEATURES

- Real time monitoring product level, water level, product density, volume and temperature inside tanks.
- Automatic generates delivery report, inventory report and alarm report, without personnel interference, greatly avoid stealing oil.
- Automatic alarm function can show you any abnormal status of tanks.
- Have international graphic touch screen and user-friendly icons, one touch see all, easy to use.
- Standard measurement unit, mm or inch, liter or gallon, can meet different requirements from different countries.
- Language optional, support English, Spanish, Portuguese, Cambodian, will have more in the future.
- Shift duty function and shift report can help you manage station's daily operation more easily and clearly.
- Support import & export data, tank volume table import, very convenient for console configuration.
- Printing reports by external printer without any software, connect with printer port directly.
- Administrator password, different authorization, safe management.
- Programmable automatic leak detection function can be set to perform routine required leak tests.
- Compatible with PC remote software, can monitor and manage your site on computer.

SPECIFICATION

Item	Technical index
Power	AC220V 0.1A 50HZ
Working temp.	-20~60℃
Monitor tanks	Standard 6, up to 12
Display	8" LCD touch screen
Resolution	800*600 colorful
RS232	2
RS485	1
USB	1
Relay output	2 groups
Ex-proof grade	Ex ia Ga IIA
Dimension(L*W * H)	30*23*14.5 cm
Sound-light alarm	Yes
Leak sensor	Yes, 40 max
Tank table	Yes, simulate/input/upload
Printer	Yes, external/built-in
Reports	Yes, up to 1 year
PC remote software	PC remote 200
Network function	Yes
Anti-theft function	Yes