

### XY800 Explosion-Proof Oil Tank Display

XY800 series explosion-proof oil tank display is a monitor that display tank level data through the touch operating screen. It can be connected with liquid level meters, thermometers, pressure transmitters and alarm equipment directly and display the instrument parameters; it also can communicate with the management system of the oil tank, and display all kinds of instrument parameters and alarm by using remote projection. With all these performance, this type of monitor meets monitoring display requirement for all kinds of storage tanks, and make it easy for operators to acquire information of tank level, temperature, pressure data and etc., which make the monitor widely applied in safety monitoring system and automation system at harsh and hazardous locations in Petroleum, Petrochemical, Light Textile, Pharmaceutical, Metallurgy and Electricity industries.



#### Features

- ✧ High brightness, colorful monitoring interface
- ✧ Support single tank/ double tanks monitoring, four tanks monitoring at most at the same time
- ✧ Support direct connection with analog output (4-20mA) field instruments
- ✧ Support direct connection with field instruments that use Modbus protocol to communicate
- ✧ Support direct connection with management system server through Ethernet, display the storage tank data via remote client
- ✧ Military rank wide-range temperature design, can be used in harsh environment, such as hyperthermia and alpine locations.
- ✧ Application: suitable for hazardous environment in Zone 1 and Zone 2.

#### Technical Specification

Screen size	7", 10.4" TFT LCD
Resolution	800x480/ 800x600
Color	65536
Brightness	>300 cd/m <sup>2</sup>
Backlit	LED
Ethernet	1*10M/ 100M/ 1000Mbps
Serial Communication connector	1*RS485, support Modbus protocol

### Operating Environment

Operating Temperature	Normal: -20~60 ℃; Wide: -40~70 ℃
Storage Temperature	Normal: -30~80 ℃; Wide: -40~80 ℃
Humidity	10~90% RH(no condensing)

### Electric parameter

Rated power consumption	5W, Max 15W
Rated voltage	DC24V, workable range: DC18V ~ DC32V
Electrical connector	3*1/2" explosion-proof sealed joints
Explosion-proof class	ExdibIIB+H2T6

