# ULT-2S4 series
# PCA COMPANY®

## Pishtaz Control Apadana®

**Ultrasonic Level Transmitter (ULT-2S4) available in two version, with GSM-modem & without GSM-modem,**
**Features: designed for industrial site, easy calibration, weather resistant (IP55), noise protect, four isolated digital outputs &3-analog outputs & RS-232 serial &, graphic display.**

*The Ultrasonic sensor without contact with the liquid inside the tank Mounted on top of the tank and with send and receive ultrasonic wave to liquid, can measure the fluid level and send data to its Graphical LCD display ULT-2S4 series. The panel is compact, robust ABS housing, designed to meet IP55 dust. Display height the tank to centimeter and display volume per cubic on GLCD. User can choose any of the panel outputs and all interfaces are active simultaneously. Easy mounting or mating with standard electrical fittings Sensor's cable to panel (ULT-2S4) up to 1200m length can be increased. The panel is robust in against noise so that it can be installed near and contact to the drive & soft start.*

## Features & Benefits

- ✓ **Level monitor up to 20 meters**
- ✓ **Level meter or Volume meter or Flow meter or Two-level difference meter**
- ✓ **Surface display with cm or mm resolution**
- ✓ **128*64 graphic display**
- ✓ **220V AC Power supply or 24VDC power supply**
- ✓ **12V 3AH Battery support**
- ✓ **Industrial 4-20mA current loop output**
- ✓ **Adjustable 0-5v & 0-10v outputs**
- ✓ **RS-485 Input for connecting to sensor and radio modems**
- ✓ **Compatibility with telemetry systems & radio modems**
- ✓ **Buzzer alarm for outside the allowable range**
- ✓ **GSM-MODEM support to send, alarm & level & status system SMS**
- ✓ **Protection against moisture IP55**
- ✓ **Smart surveillance systems**
- ✓ **2 sensors support & Liquid level difference meter display**
- ✓ **Adjustable 4 isolated digital output**
- ✓ **RS232 Serial interface output**
- ✓ **Up to 1200 meters cable between the sensor and panel**
- ✓ **Internal Real clock**
- ✓ **Low battery system**
- ✓ **Design for industrial usage**
- ✓ **ABS Material housing**
- ✓ **Temperature range 0°c to 60°c**

### ULT family with part number features table

| MODEL | GSM support | 4-20mA Analog Output | 0-5 & 0-10v Analog Output | 4 Isolated Digital Output | Graphic LCD | RS232 | Buzzer alarm | IP55 | Display 128*64 |
|---|---|---|---|---|---|---|---|---|---|
| ULT-2S4 | N | Y | Y | Y | Y | Y | Y | Y | Y |
| ULT-2S4-GSM | Y | Y | Y | Y | Y | Y | Y | Y | Y |

**Note:**

- Wire and cable Should not Under tension
- Cable diameter that is used must be standardized for proper sealing
- Avoid installing the panel in the sun
- Avoid to hit the panel when installing
- The shield cable is a great solution for reject noise
- When installing panel to devices with high noise must be use isolated filter in line


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