

ULT - SERIES PCA COMPANY®

PISHTAZ CONTROL APADANA

Ultrasonic Monitoring panel, designed for industrial site, Weather Resistant (IP65), Noise Rejection, Analog output, Graphic display, easy calibration, High Accuracy



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-XX00. The panel is compact, robust ABS housing, designed to meet IP65 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 Sensors cable to panel (ULT-XX00) up to 1200 m 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, and (ULT-XX00) can be connect to solar and battery 12v in places without electricity.

Features & Benefits

- ✓ Monitoring range up to 20 meter, monitor resolution is cm or mm
- ✓ 220Vac power supply or 12Vdc with solar cells & battery
- ✓ Adjustable 0-20mA or 4-20mA current loop output
- ✓ Adjustable 0-5v or 0-10v output
- ✓ RS-485 Input for connecting to sensor and radio modems
- ✓ Compatibility with telemetry system, radio modems
- ✓ Buzzer alarm for outside the allowable range
- ✓ SMS alarm, level & status system
- ✓ Protection against moisture IP-65
- ✓ Smart surveillance systems
- ✓ Excellent for multiple sensors
- ✓ Low power range or battery based systems
- ✓ Password protection
- ✓ 6 relay output adjustable to any level
- ✓ RS-232 & RS-485 Serial interface output
- ✓ Cable between the sensor and panels up to 1200 meters
- ✓ Configurable to GSM modem
- ✓ Low battery system
- ✓ Internal Real clock
- ✓ Design for industrial usage
- ✓ ABS Material housing
- ✓ Temperature range -40 °c to 80 °c



URF Family With Part Number Features Chart

Model-ULT	GSM support	Analog out	Relay out	Graphic LCD	Volume monitor	Low batt system	RS232	RS485	Buzzer alarm
1300	N	N	N	Y	Y	Y	Y	Y	Y
1500	N	N	Y	Y	Y	Y	Y	Y	Y
1600	Y	N	Y	Y	Y	Y	Y	Y	Y
1800	N	Y	Y	Y	Y	Y	Y	Y	Y
2000	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

Symbol	A	B	C
mm	280	130	210
5 gate gland PG11			
ABS Material housing			

