

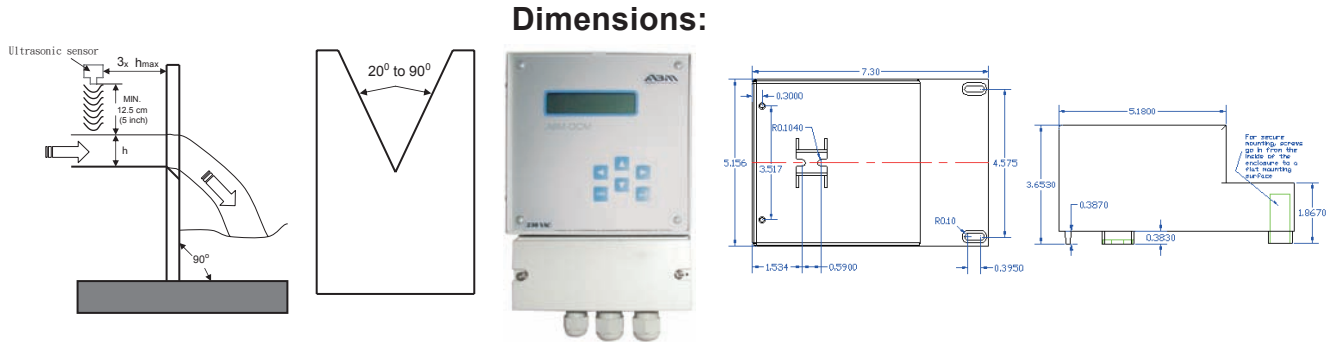
**聯鑫自動化科技有限公司**  
**United Shing Automation Tech Co., Ltd**

超音波液位計— 在開放渠道上測流量的應用

超音波液位計記合各式量水堰，仍是自訂相當常用的流量計。應用範圍相當廣泛，例如：溝渠的原水及放流水量測等，而目前環保法規要求相關的流量監控，更是以超音波液位計測水量及宗。

本公司代理的ABM產品超音波液位測流量，安裝及說明如下：

液位計固定在如下之位置



**Application**

This menu consists of parameters related to the measurement of distance and level.

**Empty Level:** This distance is to the bottom of a channel from the sensor

**Range:** Maximum liquid level

This relation must be satisfied:

**Dead zone = Empty level – Range**

The Dead Zone for ABM Flow is 12.5cm or 5 in

Program first Range and then Empty Level which must be greater than the Dead Zone of either Ultrasonic or Radar

**IMPORTANT**

**Communication time out:** in seconds

**Specify Sensor:** choice of Ultrasonic or Radar

**POWER SUPPLY:** 115 Vac, 230 Vac, max current- 0.2 A

**BEAM WIDTH OF THE ULTRASONIC TRANSDUCER:** 10 to 12 deg., **Microwave:** 10 deg

**ACCURACY:** +/- 0.1% of max range for both ultrasonic and microwave

**ACCURACY OF THE FLOW:** 3 to 5%

**PROGRAMMING:** using 6 key-pads and display of 2 x 16 digits

**CURRENT OUTPUT:** 4mA to 20mA, max load- 750 Ohm

**RELAYS:** Two programmable relays and one alarm, rating: 5A/ 230 Vac

**OPERATING TEMPERATURE OF THE ULTRASONIC AND RADAR LEVEL DEVICE:** -40 deg. C to 60 deg. C NOTE: (Higher Temperature units also available)

**ENCLOSURE OF THE ULTRASONIC LEVEL DEVICE:** PVC

**ENCLOSURE OF THE RADAR LEVEL DEVICE:** Aluminum

**ENCLOSURE OF THE CONTROLLER:** PVC

**ENCLOSURE PROTECTION:** IP65 (Water Proof)

**CONTROLLER PROTECTION:** IP65

**WEIGHT OF THE ULTRASONIC LEVEL DEVICE:** 1 lb

**WEIGHT OF THE RADAR LEVEL DEVICE:** 3 lb

**WEIGHT OF THE CONTROLLER:** 2 lb



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