

# viewor

A RANGE OF NEW GENERATION NON-LOGGING FLOW AND VOLUME DISPLAYS FULFILLING THE DEMAND FOR AN ACCURATE AND RELIABLE DISPLAY WITH EXCELLENT LOCAL SUPPORT.

## Feature Summary

### 1. Pulse input channel version

- Flow rate in L/sec or m3/hr
- Permanent and operator resettable volumes in Litres or m3 units
- Output options
- Scalable pulse output with selectable pulse width OR
- USB connection to allow “current value” requests from a PC

### 2. Pulse input channel version

- Flow rate in L/sec or m3/hr
- Permanent and operator resettable volumes in Litres or m3 units
- Each channel with separate pulse input values
- No pulse output
- Touch screen interface to program unit and wake display
- 8 year estimated battery life on 5 x 20 second screen “wakes”/day
- Aluminium body for ease of battery replacement in higher use situations
- Sealed plastic body for low use disposable option
- Backlit active matrix display
- Quick NZ battery replacement service
- Adjustable display awake and backlight time
- IP67 0.1m/24hr





## Specifications

External Inputs	<p>1 or 2 pulse inputs</p> <p>External debounce circuit recommended if using mechanical switch inputs</p> <p>50Hz max on electronic switch inputs</p> <p>10Hz max on mechanical switch inputs (with debounce)</p> <p>30 second maximum pulse spacing for flow rate generation</p> <p>Each input configurable for pulse value in Litres</p> <p>- 0.1, 0.5, 1, 5, 10, 50, 100, 1000, 10,000</p>
System Monitor	Battery state
Outputs	<p>For 1 input version</p> <ul style="list-style-type: none"> <li>- Scalable pulse output upscale ratio 1, 2, 5, 10, 20, 100, 200, 500, 1000</li> <li>- Pulse width 5, 10, 20, 50, 100, 500ms</li> <li>- Max sensing voltage 30v</li> <li>- Max current 30mA</li> </ul> <p>For 2 input version</p> <ul style="list-style-type: none"> <li>- None</li> </ul>
Battery	<p>1 x AA 3.6v Lithium, recommend return to ADR for replacement.</p> <p>Estimated life of 8 years for 5 x 20 second “wakes”/day</p> <p>Actual battery life will depend on number and configured length of “wakes” and backlight time.</p>
Software	None required for configuration
Environmental	<p>Storage -10 to +70°C</p> <p>Operating -10 to +70°C</p> <p>IP67 0.1m/24hr</p> <p>100mmW x 80mmH x35mmD</p>
Alarms	None
Display	<p>Touch sensitive screen – No sharp objects to be used</p> <ul style="list-style-type: none"> <li>- Wakes display &amp; backlight between 1 and 50 seconds</li> <li>- Provides programming of input values and display behaviour</li> </ul> <p>Pre-set PIN for programming access</p> <p>Flow in m3/hr or L/second</p> <p>User selectable decimal places on flow and volume</p> <p>Operator resettable volume &amp; PIN protected volume</p> <p>Battery percentage state</p> <p>Firmware version</p> <p>Minimum pulse interval of &lt;30 seconds required for flow display</p> <p>Maximum pulse rate for flow display 50Hz</p>

