

# Intelligens Flow

## ATEX Certified Flow Monitoring

<b>Sensor Input</b>	Doppler-effect velocity sensor and Piezo resistive depth probe. Up to 4 user configurable pulse/status inputs
<b>Memory</b>	Primary recording 2 million readings (larger sizes available upon request). Future proof in field local and remote upgradable software
<b>Power</b>	User replaceable battery pack operational for 5+ years under standard operating conditions. Complete with low battery alarm
<b>Analogue</b>	Variable sample rate 5s to 24hrs
<b>Secondary Channel</b>	Can be programmed to record either fast data, average minimum, average maximum or time interval between pulses
<b>Communication</b>	Cellular modem supporting 2G/3G/NBIoT/LTE-M (Cat-1) with SMS backup where available - contact FCS for more information
<b>Operating Temp.</b>	-20 to +60°C (-5 to +140°F)
<b>Rating</b>	ATEX/IECEX certified to Zone 0
<b>Dimensions</b>	200H x 97W x 88D
<b>Weight</b>	1kg
<b>Ingress Protection</b>	IP68



### Key Features and Benefits

- **Certified Safety:** Approved for use in Zone 1 hazardous areas, ensuring reliable operation in challenging environments.
- **Flexible Sensor Integration:** Compatible with a wide range of sensors and input types for versatile applications.
- **Durable and Corrosion-Resistant:** Features plastic connectors to prevent corrosion and ensure long-lasting performance.