

**BDT  
Level**

# **BDT Level Transducer & Wireless Head Unit**

**Wireless Technology with 10 – Year Battery Life!**

**Blocked Sewer Detection & Alarms**

**Sewer Level Monitoring**

**Sewer Surge Monitoring**

**Flood Warning**

**Drainage Blockage Reporting**

**Wet Well Alarms**

**SuDS & Blocked Sewer Monitoring**

**Basement Flooding Alarm**

**High Level Alarms**



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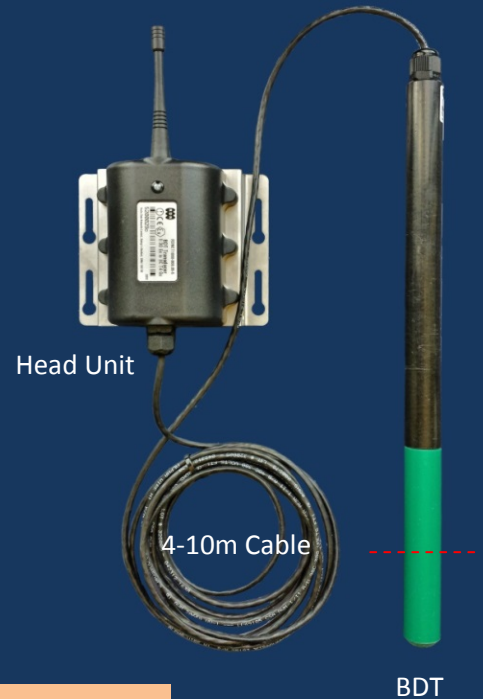


# BDT Level Transducer & Wireless Head Unit

## BDT Wireless Level Transducer & Head Unit:

The BDT Wireless Level Transmitter is an award winning and widely used alternative to using ultrasonics for real-time blockage and surcharge detection in sewers, storm drains, tanks and wet wells.

Using Bulk Dielectric Transducer Technology the unit has no moving parts, is easy to install, easy to setup and thanks to its low power consumption has a battery life of 10-years in spite of broadcasting data every 2.5 seconds. The BDT is ideal for drive-by monitoring or fixed networks where messages can be delivered to existing SCADA, remote data servers or interfaced with BMS/telemetry over distances of many km using our Network Boosters, Gateway Receivers or Cellular Data Concentrators.



## Areas of Use:

- Detecting Blockages in Sewer Networks
- Sewer Surcharge Monitoring
- Industrial & Commercial Sewer Alarms
- Wet Well High Alarms
- Storm Drain Monitoring
- Basement Flooding Alarm



## Key Features:

- Set Point from 0.3m to 4.5m (10m optional) depth
- IP68 100% submersible design 10 year battery life
- Green HDPE injection moulded transducer housing
- Real-time 2.5 second read and transmission rate
- No field programming or software required
- Installed from surface to eliminate the need and cost of confined space entry
- ATEX certified Zone 2
- Licence Free: EN-300-220 and R&TTE Directive
- Compatible with RDN1000™ Boosters and Receivers
- Supplied with stainless steel mounting bracket
- Set point simple to set by curling cable
- Receiver options include: Gateway with relays to telemetry or SCADA, handheld patrol receiver or PC

- Remote Asset Monitoring
- Radio Telemetry
- Environmental Monitoring
- Energy & Water Sub-Metering
- Water Quality Monitoring
- Sewer & CSO Monitoring
- SCADA & Pump Control
- Temperature & Humidity

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