



ENIGMA 5-BB

Versatile acoustic hydrophone leak logger designed for installation in boundary boxes



The Enigma5-BB allows flexible placement of Enigma loggers in existing boundary boxes. Optimized for quick installation, it increases network coverage, reduces loggers, and minimizes leakage. Its lightweight, compact design ensures easy attachment to boundary boxes, enhancing operational efficiency without affecting customer metering or requiring disruptive roadworks.

FEATURES & BENEFITS AT A GLANCE:



- **Flexible Logger Placement** installed in existing meter box chambers or on pavements near customer meters



- **Powerful Adaptive Filter** for optimum leak location performance



- **Lighter and more compact** than the previous series makes it easier to handle and install, particularly in tight or challenging locations



- **Data available** at any location via Atrium



- **Battery replaceable** in the field

PIPELINE MONITORING

The Enigma5-BB enhances pipeline monitoring by enabling the installation of correlating noise loggers in existing boundary boxes. Its innovative hydrophone design increases coverage and detection accuracy across pipelines, pinpointing leaks efficiently without the need for hydrant fittings.

NETWORK FLOW, PRESSURE AND LEAK LOCATION DATA

Deployment of the logger is carried out through the Enigma5 app. Atrium provides a comprehensive database and online platform for viewing network flow, pressure, and leak alarms from other Ovarro correlating noise loggers. Accessible from any Internet-enabled device, Atrium displays logger positions on Google Maps* and colour-codes leak alarms for easy identification. Historical data is available for analysis, and leak positions are further enhanced by Google Maps* and 'street view' visualisation, providing invaluable support to leakage teams in pinpointing and managing leaks.





ENIGMA 5-BB

SYSTEM FEATURES

- Aggregated correlations for difficult leaks
- Auto-velocity determination for accurate leak location
- Small size for fitting into underground chambers - no above ground installation required
- Logger powered for 5 years (dependent upon signal conditions)
- Logger GPS location saved
- Adapter submersible to IP68
- Lighter compact design
- On-site replaceable battery

FROST PLUG

The Enigma5-BB eliminates the need for hydrant fittings, which reduces the risk of asset damage and avoids issues related to frost plug leakage. This innovative design allows for direct installation onto existing boundary boxes, enhancing operational efficiency and reliability. By avoiding traditional frost plug methods, the Enigma5-BB ensures a more robust and maintenance-free solution for effective leak detection.

ENIGMA5 DEPLOYMENT APPLICATION

The Enigma5 Deployment app enables seamless, efficient logger management. With GPS-based tagging, real-time updates, and Bluetooth connectivity, it allows rapid deployment directly through the app—no communication module needed. Easily access historical data, sync with Atrium analytics, and streamline data transfer for quick leak detection and response.



*Google Maps is a registered trade mark of Google Inc

Changes in specifications may apply

SUITABLE APPLICATIONS:

CONTACT US:



E-mail sales@ovarro.com
Web www.ovarro.com
X www.x.com/ovarro_ltd
LinkedIn www.linkedin.com/company/ovarro



OUR SOLUTIONS | MONITORING & CONTROL | LOGGERS | LEAK NOISE LOGGERS & CORRELATORS

OVARRO