

# PIPEMINDER

## TRANSFORMING LEAKAGE AND BURST REDUCTION

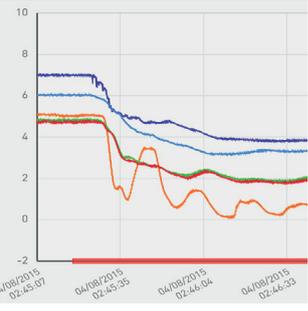
Syrinix's PipeMinder is the next step in transforming your ability to calm your network and reduce leakage and bursts.

This next generation range of hardware combines compact, rugged, IP68 enclosed, precision components with the latest quadband 3G data communication technology.

Installed across a network, and with a 5 year battery life, PipeMinder delivers high definition pressure and flow data, each day every day, as well as immediate alerts. With information accessible in the office or in the field, PipeMinder provides utilities with a new level of network visibility and new scope for increasing network efficiency and performance.

### FUNCTIONALITY

- 5 year battery life alongside high resolution data capture all day every day
- Configurable reporting and alert functionality to avoid data overload
- Cloud based interface for event/data viewing
- Precision time synchronisation with swarm analysis for tracking events as they move across the network
- Daily reporting containing mean and high resolution minimum and maximum pressure and flow for each 15-minute window
- Multiple communication methods





## BENEFITS

Supporting a range of pipeline monitoring activities, PipeMinder provides a richer level of intelligent data and analytics, all captured via the RADAR customer portal and/or SCADA integration and accessible from the office and in the field.

PipeMinder detects in real-time and always-on high resolution the pressure and flow in distribution and transmission water mains with immediate alerts for events as they occur. With PipeMinder, utilities can now see, at a new level of detail and accuracy, where they are stressing networks and so contributing to leakage and increasing the risk of bursts.

Efficiently equipped with that detailed network view and its configurable alerts, PipeMinder allows water companies to address underlying causes and so actively and substantially reduce leaks and bursts in a way that has not been possible before.

With its long term, high-resolution data and 5 year battery life, PipeMinder delivers reassurance in decision-making, supporting reduced leakage and bursts and extending asset lifetimes.

## PIPEMINDER SPECIFICATION

Digital Pressure Transducer	20 Bar absolute with quick-fit connector
Interface	Web interface with configuration and data review Remote managed alerts with SCADA integration
Sample Rate	128 samples per second, accurately stamped using GPS time
Communication	GPRS, GSM, SMS
Dimensions	Unit: 108mm x 108mm x 49mm (4.2" x 4.2" x 1.9") Battery: 90mm x 90mm x 159mm (3.5" x 3.5" x 6.2")
Weight	Unit: 0.7kg (1lb 8oz) Battery: 1.75kg (3lb 13oz)
Environment Rating	IP68, fully encapsulated
Materials	PipeMinder Housing: Aceta; Wetted components: 316L Stainless Steel Battery enclosure: Polycarbonate Casing
Operating Environment	-20°C to +65°C (-4°F to +149°F )
Antenna	Integral to external, various options available
Battery Life	Up to 5 year life
SIM Card	Standard size SIM card

For further information please contact [info@syrinix.com](mailto:info@syrinix.com) or visit [www.syrinix.com](http://www.syrinix.com)

