Xstream

Live data streaming for step testing and other applications



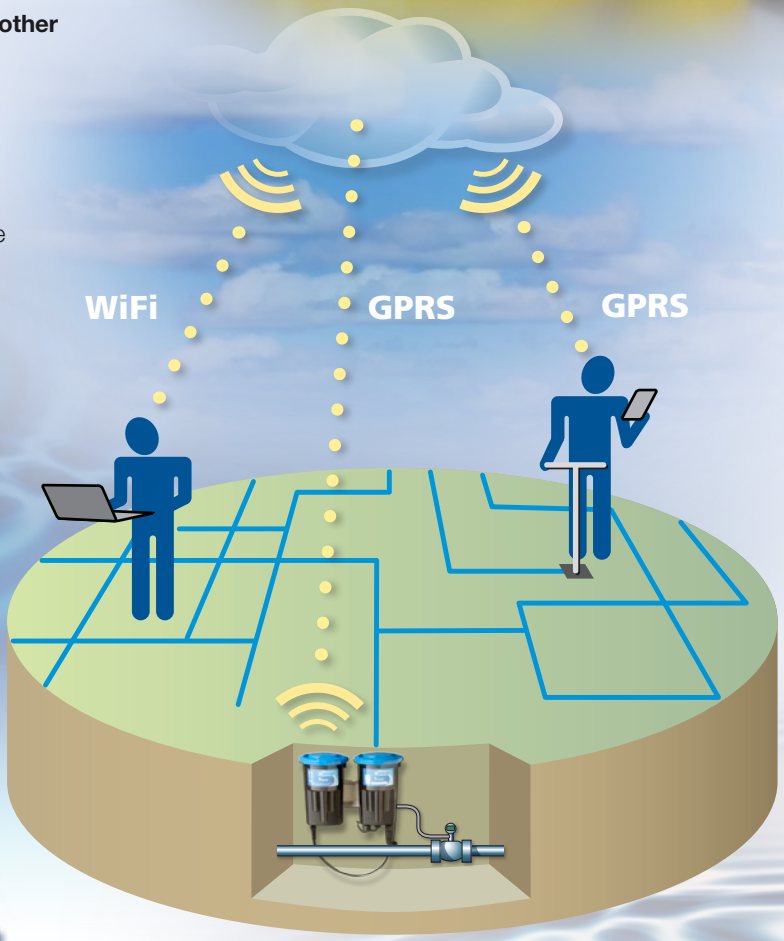
Xstream **is a variant of the *XiLog+* which can stream live data via GPRS to many internet based devices. The ability to view live data allows users to be proactive in monitoring the water network's response to current operational events. Immediate solutions to network issues can help reduce operational costs and avoid potential customer contact.**

Benefits

- **Real-time flow + pressure data viewed remotely on internet browser**
- **Single user operation**
- **No radio range restrictions**
- **Compatible with all common flow meters**
- **Use with *PrimeFlo* where no flow meter exists**
- **Annotate valve closure and other operations on graph**

Features

- Compact design
- Below ground antenna
- Quick and simple web interface and software
- Rechargeable battery pack
- Data online + stored in 2Gbyte internal logger memory



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technology for network management and leakage control

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Operation

Xstream is easily installed at flowmeter and pressure sites. It's an underground system that fits into the majority of chambers, therefore allowing the site to be left unsupervised. *Xstream* PC software enables quick and simple programming of parameters such as start time, duration and data transmission rate.

Once setup, the operator can log on to the *Xstream* website via any internet ready device to view live data. This allows the technician to move to any part of the network to carry out network operations whilst viewing instant flow and pressure changes occurring at the *Xstream*'s location. The website also has the facility to annotate relevant events and download data into. CSV format for further analysis. All data is stored online and through the logger too, ensuring security of data in case of areas with poor GPRS signal.









Applications

Step Testing - Utilising *Xstream* as a step tester can reduce leakage detection time and costs too. The Xstream is connected to a zone inlet meter and sections of the zone are systematically isolated by shutting valves. The drop in flow occurs after each shut as demand falls. The shut which causes the biggest drop in flow provides a sign that leakage is occurring in that area.

PRV commissioning - Installing *Xstream* on critical pressure sites whilst adjusting PRV levels can provide operatives live data to be proactive in protecting levels of service.

Network re-zoning - Using the *Xstream* gives real time monitoring of flow and pressure changes which allows technicians to immediately adopt corrective action if network issues occur.

Meter Verification - The performance of metering assets can have a huge effect upon billing and leakage figures. By using the *Xstream* in conjunction with *PrimeFlo*, it can be installed without disruption to the supply. Allowing flow comparison to be made and provide an indication for meter replacement or calibration.

Part Number

Xstream system (computer not included)	NXG 222

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Information in this document is subject to change without notice.

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