xylem
Utility Solutions

IQSN
MOBILE

Monitoring Made Mobile
for **IQ SensorNet**

IQ
SENSOR NET

YSI IQSN Mobile

REMOTE PROCESS MONITORING & CONTROL FOR IQ SENSORNET

YSI

a **xylem** brand

IQSN MOBILE

The Mobile Monitoring Solution
for **IQ SensorNet**

IQSN Mobile is an application that provides instant access to an IQ SensorNet network of sensors and analyzers from a mobile device. This intuitive app displays live readings, data trends, sensor health notifications, maintenance reminders, and alarms. With IQSN Mobile, view process data from the comfort of your office, home, or anywhere with internet access on a cell phone or tablet.
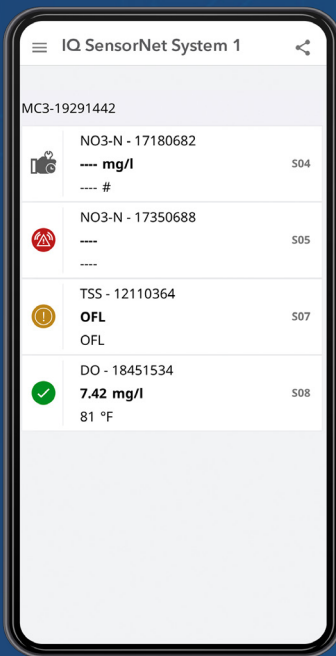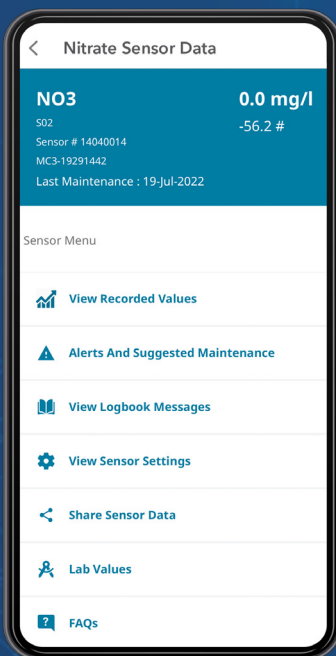
Sensor Health Monitoring

The app uses colored sensor health indicators and customizable push notifications for alerts, alarms, and reminders on your mobile device.
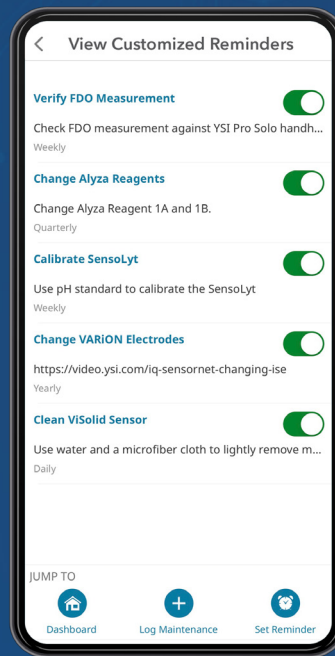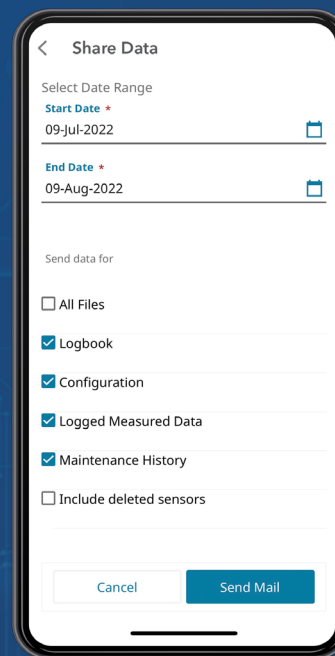
Proactive Maintenance

Stay on top of maintenance with factory default maintenance reminders and set customized alerts to clean and calibrate sensors.

Remote Data Visibility

Access IQ SensorNet data 24/7 – quickly respond to plant upsets and retain peace of mind – even away from the plant.

Mobile Data Management

Quickly export and share measured data, maintenance history, system configuration, and sensor logbooks at any time from the mobile app.

Access Live IQ SensorNet Data On-the-Go!

Away from your IQ SensorNet controller? You can relax – with **IQSN Mobile**, process data goes wherever you go. Accessing live readings and instrument data has never been more convenient — view IQ SensorNet data 24/7 on a mobile phone or tablet from anywhere with internet access and stay up to date on the condition of your process at all times.

System Requirements
for **IQSN Mobile**

An **Ethernet connection** is required to connect the **IQ SensorNet** system to the **Xylem Gateway**. The Xylem Gateway, equipped with cellular service, transmits IQ SensorNet data to the **Xylem Cloud**. The Xylem cloud transmits data to the user's mobile device via the **IQSN Mobile** app.

IQ SensorNet System

Xylem Gateway

Xylem Cloud

IQSN MOBILE

Mobile Device
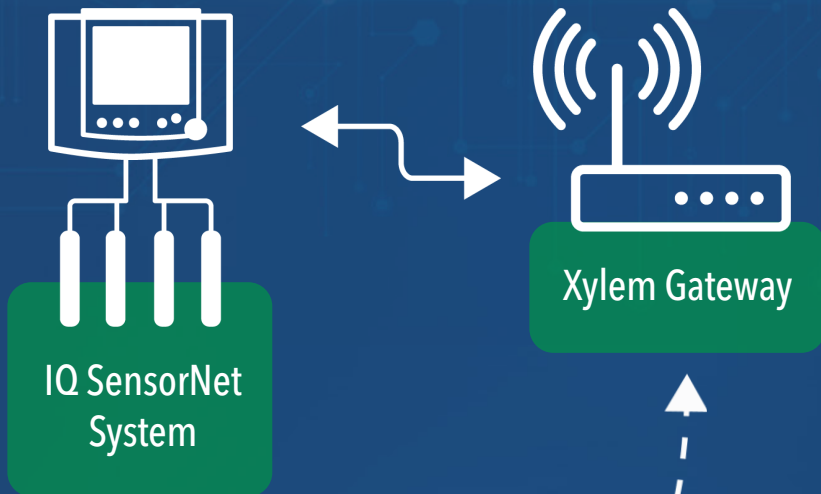
IQ SensorNet Controller with Ethernet IP

Xylem Gateway
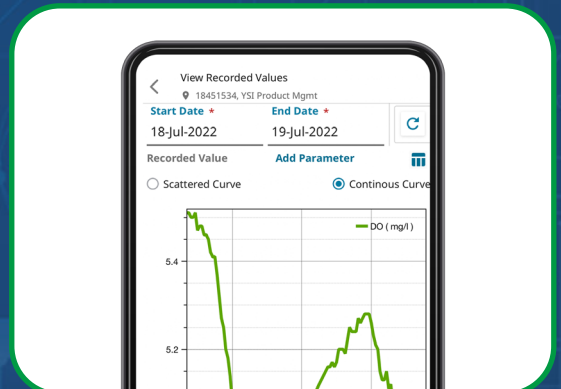
IQSN Mobile App

IQSN Mobile SYSTEM SPECIFICATIONS

POWER & COMMUNICATION	
Power	Input Voltage: 115 to 230 VAC Output Voltage (throughout system): 24 VDC
Power Consumption	2 W idle; 15 W maximum
Amps	1.7A
Network Type	4G LTE
IQ SensorNet Protocol	Ethernet TCP/IP
Ethernet Connections	4 maximum with Ethernet switch

GENERAL	
Enclosure Dimensions (LxWxH)	11.78in (300mm) x 7.85in (200mm) x 5.95in (151mm)
Gateway Dimensions (LxWxH)	5.47in (139mm) x 4.53in (115mm) x 1.81in (46mm)
Mounting	D2 DIN Rails (with enclosure)
Antenna	Ultra-wide band antenna
Materials	Enclosure – Fiberglass reinforced polycarbonate base and polycarbonate cover; Gateway – aluminum case; Antenna - PC/ABS UV Stable
Warranty	2 year warranty
System Requirements	DIQ/S 28X-E(F) Controller or MIQ/MC3(-XX) Microcontroller Module

ENVIRONMENTAL	
Water Rating	NEMA 4X with enclosure
Operating Temperature	-4°F (-20°C) to +158°F (+70°C)
Storage Temperature	-40°F (-40°C) to +185°F (+85°C)

Ordering Information

ITEM NO.	MODEL NO.	DESCRIPTION
473500-01	IQSN Mobile Kit 1	Xylem Gateway (xGW) for IQSN Mobile App with Outdoor Enclosure, Wide Range Power Supply, Cellular Antenna, and SIM card with one month of cellular data
473500-02	IQSN Mobile Kit 2	Xylem Gateway (xGW) for IQSN Mobile App with Outdoor Enclosure, Wide Range Power Supply, Ethernet Switch, Cellular Antenna, and SIM card with one month of cellular data
473537	App/Data Subscription	IQSN Mobile App and Cellular Data Plan, per year

Note: Consult YSI for mounting hardware and other accessories.

New to IQ SensorNet?

YSI's IQ SensorNet system is a network of online instrumentation designed for use in municipal water and wastewater plants. Continuously measure process water from the influent to the effluent, and send data back to one central location.

Learn more at YSI.com/IQSN.

Xylem |ˈzīləm|

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com
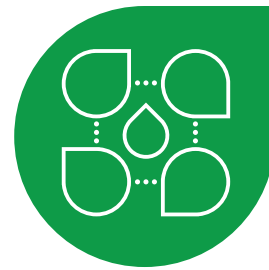
YSI Municipal Water

Proven. Reliable. Trusted.

Xylem Utility Solutions

YSI, a Xylem brand
1725 Brannum Lane
Yellow Springs, OH 45387

📞 +1.937.767.7241
✉ info@ysi.com
🌐 YSI.com

© 2022 Xylem, Inc.   XA00245   1022

YSI.com/IQSN-Mobile