SCADA Integration

**#599825 Modbus
Signal Output Adapter**

Converts the proprietary signal from an EXO sonde into a Modbus protocol over RS-232 or RS-485.

Telemetry System

**#599820 DCP
Signal Output Adapter**

Converts the proprietary signal from an EXO sonde into either SDI-12 or RS-232 signals.

Sonde Communication

**#599810 USB
Signal Output Adapter**

Converts the proprietary signal from an EXO into a USB signal for your computer or smart device.

EXO Communication Adapters
Delivering quality data where and when you need it most.

Introducing the new **EXO Communication Adapters** from YSI, designed with and engineered for compatibility with the EXO sonde platform.

As technology continues to develop at record pace, it's more critical than ever to have a flexible sonde that can keep up.

A fundamental part of the EXO Sonde Platform is the ability to adapt its communication output to match different monitoring applications. Simply configure a sonde with one of our many adapters and the instrument is then compatible with dataloggers and telemetry systems, industrial SCADA systems, or PCs and tablets with USB connectivity.

Discover the benefits of EXO Adapters:

Integrate your EXO sonde into numerous monitoring applications without the hassle of purchasing all new hardware.

Setup and configure instrumentation without it leaving the water, using USB or passthrough connections.
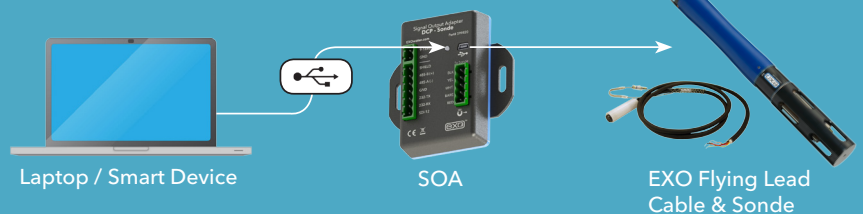
Perform firmware updates to your sonde and sensors to optimize performance over time.

View your sonde's logging status at a glance, with integrated LED indicators built into your monitoring station.

USB Passthrough Mode

Laptop / Smart Device   SOA   EXO Flying Lead Cable & Sonde

USB to Sonde

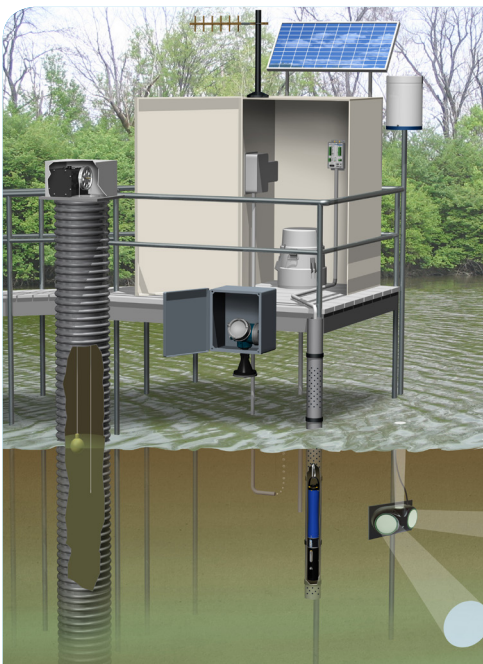Laptop / Smart Device   USB SOA   EXO Sonde

YSI.com

Leave the configuration to the experts.

Leverage the **YSI Integrated Systems & Services Team** by choosing a pre-configured monitoring solution designed by our engineers for seamless, out-of-the-box data acquisition.

Our **Surface Water Monitoring** and **Telemetry Systems** are designed for quick and easy installation at fixed monitoring locations. These systems are based around our innovative **Storm 3** data logger and integrate data from our multiparameter water quality, meteorological and streamflow monitoring sensors.

Systems are available with a wide variety of real-time communications options (cellular, GOES satellite and Wi-Fi), are housed in a NEMA 4X enclosure, and include a battery, solar panel and antenna. These systems include one year of **Storm Central**, and where applicable, one year of cellular telemetry.

POWERED BY
Storm™

EXO Communication Adapter Specifications, DCP & Modbus

Supply Voltage	9 – 16 VDC or USB 5 VDC
Current Draw Adapter	~20mA typical (@12 VDC)
Current Draw Sonde	~sleep 0.25mA reading and 100mA during operation
Max Net Current Draw for Systems	~200mAmps (@12 VDC)
Dimensions	L=3.5″, W=3.5″, H=1.5″ (89cm x 89cm x 38cm)
Operating Temperature	–40°C to +60°C
Storage Temperature	–50°C to +80°C
Humidity	0 to 99% non-condensing

Ordering Information (order items separately)

599825	EXO Modbus Signal Output Adapter (Converts EXO signal into a Modbus protocol over RS-232 or RS-485)
599820	EXO DCP Signal Output Adapter (Converts EXO signal into SDI-12 or RS-232)
599810	EXO USB Signal Output Adapter (Allows USB communication between EXO sonde and PC)
599008-xx	EXO Flying Lead Cable (Necessary accessory for communication between EXO sonde and DCP or Modbus adapter)

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Minding
the **Planet?**®

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