YSI ProDSS KorLink

Bluetooth communication adapter

YSI
Xylem

ProDSS KorLink

The **YSI ProDSS KorLink** is a Bluetooth communication adapter designed for seamless integration with ProDSS sensors and cable assemblies. It connects to iOS or Android mobile devices via the Kor Mobile app. KorLink provides an alternative to using the ProDSS handheld for discrete sampling.

User-replaceable cables with universal sensor ports

View live readings, calibrate sensors, manage sites, and share data files

Kor Mobile for **Android**

Kor Mobile for **iOS**

ProDSS KorLink compatibility

ProDSS 4-port cable

Connect any four smart sensors for unparalleled performance, including Conductivity/Temperature, Optical Dissolved Oxygen, Turbidity, and Total Algae.

ProSwap 1-port cable

1-port cable design with swappable sensors, allowing you to focus on the parameters needed for your application

ProSolo ODO/T cable

Choose from two integrated cable assemblies for your ideal DO instrument: ODO/T or ODO/CT for salinity compensation

ProSwap Logger

Single-port monitoring sonde with built-in depth and temperature for flexible sensor and deployment options

ProDSS KorLink specifications

Battery operating time	15+ hours
Bluetooth frequency	2.402-2.480 GHz
Bluetooth transmission	Class 2, 10 m typical range
Compliance	BC; CE; RoHS; WEEE; FCC ID: T9J-RN42; ISED ICES; RCM; TELEC; VCCI
Connectivity / Communications	USB, Bluetooth Classic (BTC) for Android and Windows Bluetooth Low Energy (BTLE) for iOS
Connector	MS-8 female connector, USB Micro-AB receptacle
Ingress protection	IP-67 rated, Immersion up to 1 m for 30 minutes
Equipment used with	ProDSS 4-port cable, ProSwap 1-port cable, ProSolo ODO/T or ODO/CT cables, ProSwap Logger 1-port cable and Windows OS, Android mobile devices and tablets, or iOS mobile devices and tablets
GPS	1.5 m CEP Position Accuracy
Operating temperature	-5 °C to 50 °C (23 °F to 122 °F)
Storage temperature	-20 °C to 50 °C (-4 °F to 122 °F)
Size	17.8 x 5.1 x 3.8 cm (7.0 x 2.0 x 1.5 in)
Weight	228 g (0.50 lbs)
Software	Kor Software for Windows OS devices; Kor Mobile for Android and iOS mobile devices
Power	Rechargeable Li-Ion battery (typically 9 hours of charging time for a full charge). 15+ hours of operating time
Warranty	1 year

For applications requiring impact-resistant, waterproof handheld display, the ProDSS offers a rugged and reliable solution.

ProDSS sensor specifications (Instrument, sensor, and cable)

	Range	Resolution	Accuracy	User calibration
Temperature (°C, °F, K)	-5 to 70 °C	0.1 °C	±0.2°C	
Dissolved Oxygen (mg/L, ppm, % air saturation)	0 to 50 mg/L; 0 to 500% air saturation	0.1 or 0.01 (user-selectable), 0.1% or 1% air saturation	**0 to 20 mg/L:** ±1% of reading or 0.1 mg/L, whichever is greater **20 to 50 mg/L:** ±8% of reading **0 to 200%:** ±1% of reading or 1% air saturation, whichever is greater **200 to 500%:** ±8% of reading	1- or 2-point with zero
Conductivity/ Specific Conductance (µS/cm, mS/cm)	0 to 200 mS/cm	0.001, 0.01, 0.1 (range-dependent)	**0 to 100 mS/cm:** ±0.5% of reading or 0.001 mS/cm, whichever is greater **100 to 200 mS/cm:** ±1% of reading	1-point
Salinity (ppt, PSU)	0 to 70 ppt	0.1 ppt	±1.0% of the reading of 0.1 ppt, whichever is greater	1-point
Resistivity (Ω*cm, kΩ*cm, MΩ*cm)	0 to 2000 **Ω**	0.001, 0.01, 0.1 **Ω*cm**	±0.1% full scale	
Total dissolved solids (TDS) (mg/L, kg/L, g/L)	0 to 100 g/L, Cal constant range 0.30 to 1.00 (0.65 default)	0.001, 0.01, 0.1 g/L	Not specified	
Ammonium ISE (mg/L-N, mV)	0 to 200 mg/L-NH_4^+, 0 to 30 °C	0.01 mg/L	±10% of reading or 2 mg/L-N_4^+, whichever is greater	1-, 2-, or 3-point (user-selectable)
Chloride ISE	0 to 1000 mg/L-Cl^-	0.01 mg/L	±15% of reading or 5 mg/L-Cl^-, whichever is greater	1-, 2-, or 3-point (user-selectable)
Nitrate ISE (mg/L, mV)	0 to 200 mg/L-NO_3^-	0.01 mg/L	±10% of reading or 2 mg/L_3^-, whichever is greater	1-, 2-, or 3-point (user-selectable)
pH	0 to 14 pH units	0.01 units	±0.2 units	1-, 2-, or 3-point (user-selectable)
ORP	-999 to 999 mV	0.1 mV	±20 mV	1-point
Total Algae – Chlorophyll + Phycocyanin (RFU, µg/L)	**Chlorophyll:** 0 to 100 RFU, 0 to 400 µg/L **Phycocyanin:** 0 to 100 RFU, 0 to 100 µg/L	0.01 RFU, 0.01 µg/L	**Linearity:** $r^2 \geq 0.999$ for Rhodamine WT across full range	1- or 2-point (user-selectable)
Total Algae – Chlorophyll + Phycoerythrin (RFU, µg/L)	**Chlorophyll:** 0 to 100 RFU, 0 to 400 µg/L **Phycoerythrin:** 0 to 100 RFU, 0 to 280 µg/L	0.01 RFU, 0.01 µg/L	**Linearity:** $r^2 \geq 0.999$ for Rhodamine WT across full range	1- or 2-point (user-selectable)
Turbidity (FNU, NTU)	0 to 4000 FNU	0.01 FNU	**0 to 999 FNU:** 0.3 FNU or ±2% of reading, whichever is greater **1000 to 4000 FNU:** ±5% of reading	
Depth (Optional) (meters, feet)	0 to 100 m	0.001	**1, 4, 10m cables:** ±0.004 m **20 m or higher cables:** ±0.04 m	
Barometer (mmHg, inHg, mbar, psi, kPa)	375 to 825 mmHg	0.1 mmHg	±1.5 mmHg from 0 to 50 °C	1-point

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