

OCEABridge™ Gateway

Bluetooth® connectivity
covering small and isolated areas

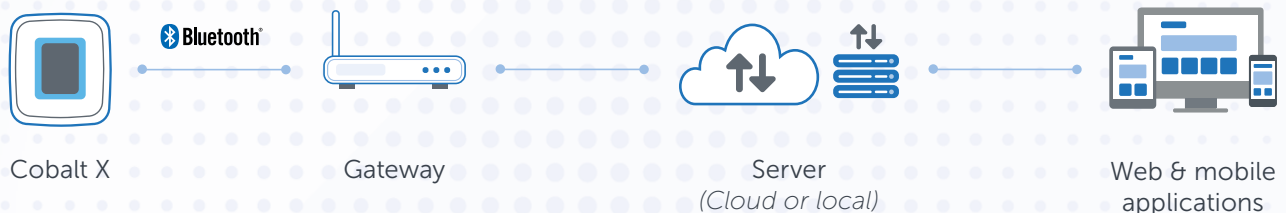
End-to-end Bluetooth connectivity for your OCEAView™ platform and Cobalt X™ data loggers

OCEABridge enables configuration and data transfer for Cobalt X data loggers operating in Bluetooth-only mode within Bluetooth Low Energy wireless range. Data loggers are detected automatically and sensor readings are forwarded to your OCEAView platform. This gateway offers the benefit of Bluetooth technology to provide wireless coverage for your data loggers to monitor smaller areas.

- Collects and forwards data between Bluetooth-enabled Cobalt X data loggers and the OCEAView Cloud or on-premises server
- Bluetooth Low Energy technology
- Ethernet / cellular data Internet connectivity
- Integrated web interface for easy configuration



Information flow



Specifications

Compatibility	Cobalt X data loggers running in Bluetooth mode • Full integration with OCEAView monitoring platform (Cloud or on-premises) • Automatic detection of data loggers within wireless range
Interface	Integrated web interface for configuration and updates • LED status indicators
Alarms	Alert notification via OCEAView in case of technical problems with gateway
Connectivity	Bluetooth Low Energy • Backhaul options: Ethernet and/or 4G-LTE cellular
Data management	Collects and forwards data between Bluetooth equipped data loggers and the OCEAView Cloud or on-premises server
Power	External power supply (110-240 VAC / 9 ~ 12v DC) • Maximum output current: 2.5A
Processor	AR9331; 64 MB DDR RAM; 16 MB Flash • Bluetooth Low Energy USB dongle
Operating conditions	0 °C to +50 °C (32 °F to +122 °F); 20 to 90% RH (non-condensing) • PC-ABS (polycarbonate-ABS) • IP30 rating • Dimensions: 120 x 85 x 28 mm (4.7 x 3.3 x 1.1 in.) • Weight: 138 g (5 oz.)
Storage conditions	0 °C to +50 °C (+32 °F to +122 °F) • 0 to 90% RH (non-condensing)
Mounting	Screw mount
Certifications	CE, FCC, ACMA



Product references

PART NUMBER	DESCRIPTION
OCEABridge Bluetooth gateway	
GSR.REC.X001	OCEABridge 3 (Ethernet)
GSR.REC.XAU1	OCEABridge 3 (Ethernet, 4G) - Australia
GSR.REC.XEA1	OCEABridge 3 (Ethernet, 4G) - EMEA/APAC
GSR.REC.XJA1	OCEABridge 3 (Ethernet, 4G) - Japan
GSR.REC.XLA1	OCEABridge 3 (Ethernet, 4G) - Latin America
GSR.REC.XUS1	OCEABridge 3 (Ethernet, 4G) - USA Verizon
GSR.REC.XUS2	OCEABridge 3 (Ethernet, 4G) - USA AT&T



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DICKSON
Environmental Monitoring + Compliance Experts

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