

Cobalt XS™ Wi-Fi

Essential data logger,
classic connectivity

The Cobalt XS Wi-Fi data logger connects easily over your Wi-Fi network to your OCEAView or DicksonOne monitoring solution. With its convenient format and efficient design, Cobalt XS Wi-Fi supports a variety of external sensors to meet all your requirements.

Ideal for life science, agri-food, and logistics sectors, Cobalt XS Wi-Fi gives you a cost-effective and reliable way to keep an eye on the environmental parameters of your sensitive assets, storage facilities, products, equipment, and more.

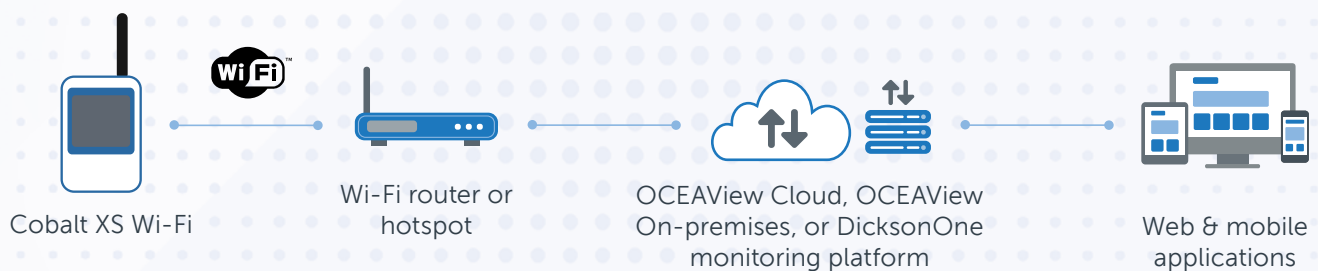
The Cobalt XS Wi-Fi data logger uses Wi-Fi wireless technology to leverage your existing network and minimize on-site infrastructure expenses.

Dickson's Smart-Sensor technology helps make maintenance operations easy by storing all calibration information directly in the sensor, providing both high accuracy and on-the-fly sensor swapping when it's time for recalibration.

- Easy network integration with Wi-Fi
- For use with OCEAView Cloud, OCEAView On-premises, and DicksonOne Cloud monitoring solutions
- Compatible with a wide variety of Dickson Smart-Sensors
- Ideal for the life sciences sector, including labs, hospitals, storage facilities, and manufacturing
- Button-controlled high-contrast LCD screen



Information flow



Specifications

Applications	Refrigerators • Freezers • ULT freezers • Nitrogen tanks • Water baths • Ovens • Incubators • Autoclaves • Cold rooms • Cleanrooms • Warehouses • Industry standard equipment with 4-20 mA / 0-5 V / 0-10 V output
Supported Dickson sensors	Temperature • Temperature & relative humidity • Universal • CO ₂ & Temperature & Relative humidity • Dry contact input
Sensor calibration options (depending on sensor)	ISO/IEC 17025 accredited • In-house laboratory certified (non-accredited) • NIST-traceable • Recalibration via sensor exchange
Measurement points	Up to two simultaneous measurement points • One connector for single, dual, or triple sensor probes (note: up to two measurement points can be used simultaneously)
Display & interface	2.4" (6.1 cm) LCD screen for setup, server synchronization, latest readings, power indicator, battery level, signal strength • Temperature in °C or °F
Monitoring software	Integration with OCEAView Cloud, OCEAView On-premises, and DicksonOne Cloud platforms
Alarms	Alarms and warnings indicated by flashing light • Detected directly by data logger and transmitted to monitoring platform for fast user notification • 3 high & 3 low limits (with programmable delay for each limit)
Connectivity	Wi-Fi: 2.4 GHz (2.412 GHz to 2.472 GHz) • 802.11n (HT20) Wi-Fi 4; 802.11ax (20 MHz): Wi-Fi 6 • Integrated antenna
Data management	32,000 readings per sensor (about 32 weeks of data with reading interval of 10 minutes) • Unlimited storage of uploaded data on web platform
Power	Includes two 3.6 V user-replaceable lithium batteries (use only SAFT LS17500 batteries in Cobalt XS Wi-Fi data loggers, other battery types not supported) • Up to 1 year battery life under normal conditions, with screen and Wi-Fi power saving activated • Maximum current consumption 300 mA • Maximum power 1.08 W • AC adapter and USB cable optional (not included)
Operating conditions	0 °C to +50 °C (+32 °F to +122 °F) • 0 to 90% relative humidity (non-condensing) • Product may be used at a maximum altitude of 2,000 meters (6,562 ft)
Storage conditions	0 °C to +50 °C (+32 °F to +122 °F) • 0 to 90% RH (non-condensing) • Optimal storage around 25 °C (77 °F)
Casing & dimensions	ABS plastic casing • 69 x 107 x 31 mm (2.7 x 4.22 x 1.22 in.) • Weight with battery: 130 g (4.6 oz.)
Mounting & installation	Includes wall-mount cradle with magnets and anti-slip rubber pad, screws or Velcro® • For indoor use only in non-harsh environments
Certifications	CE - RED DA • FCC • ISED • SIRIM



Product references

PART NUMBER ⁽¹⁾	DESCRIPTION	SENSORS ⁽²⁾
Cobalt XS data logger (sensors not included)		
ENR.CXS.W001	Cobalt XS Wi-Fi - Multi-region	Single, dual, or triple sensor probes (up to two sensors simultaneously)
Accessories		
ACH.ALM.0014	Cobalt XS Wi-Fi power adapter and USB cable Adapter type: International wall adapter Input: 100-240V AC Output: 5V DC Cable type: USB-A to USB-C (data) Cable length: 3 m	
ACC.ENR.0069	Desktop cradle	

⁽¹⁾ Contact us if you need to order without battery.
⁽²⁾ Sensors sold separately.



DICKSON
Environmental Monitoring + Compliance Experts

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Dickson Europe

Montpellier - France
+33 (0)4 99 13 67 30
contact@dicksondata.fr

Dickson North America

Addison, IL - USA
+1 (630) 543-3747
support@dicksondata.com

Dickson Asia-Pacific

Petaling Jaya - Malaysia
+603 749 40758
contact@dicksondata.my

www.dicksondata.com