

Atlas™

Small footprint for packaging

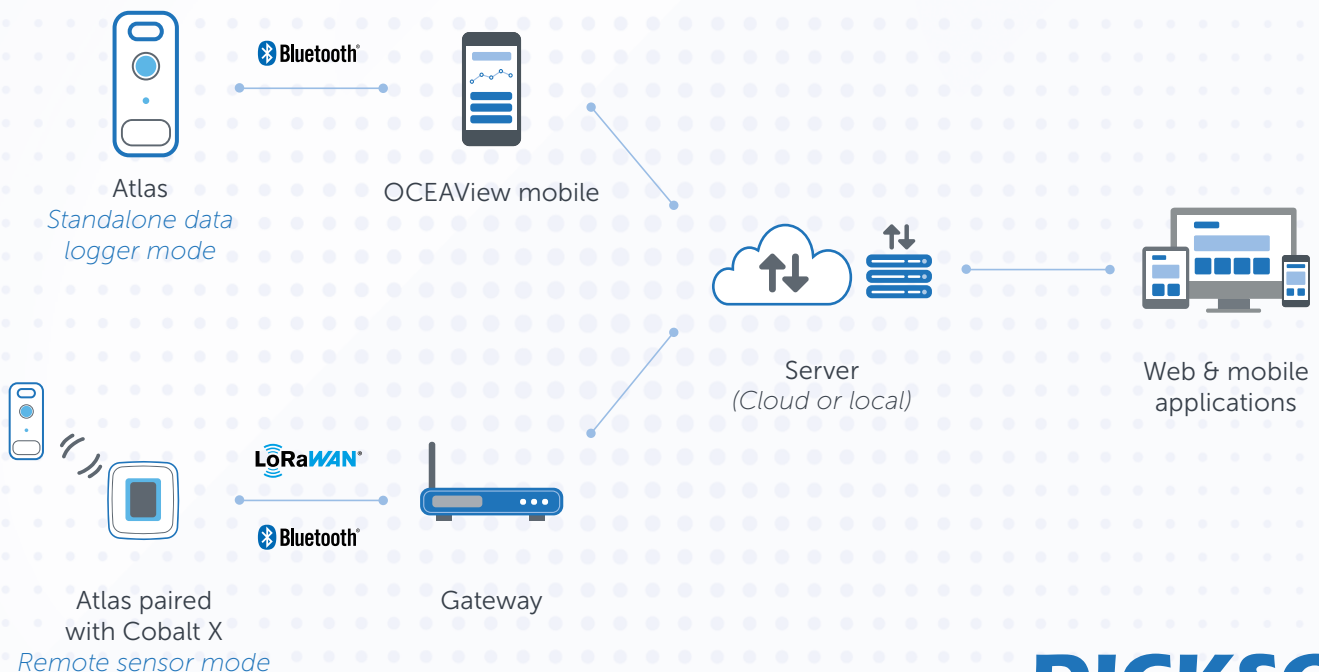
Bluetooth®-enabled wireless sensor for Cobalt X™ data loggers or multi-destination data logger for mobile monitoring

With its tiny footprint, Atlas fits inside packaging yet features temperature, relative humidity, and light sensors. Atlas can be used as a data logger for mobile monitoring or as a wireless sensor paired with a Cobalt X data logger.

- Integrated temperature, relative humidity, and light sensors
- Small size for placement directly with goods or items to monitor
- For use as a data logger or as a remote wireless sensor for Cobalt X
- Data access via OCEAView™ web and mobile applications



Information flow



Specifications

Applications	Cold-chain and transport monitoring • As Cobalt X wireless sensor for hard-to-reach locations
Physical parameters	Temperature, humidity, light
Sensors	Temperature: -30 °C to +70 °C (-22 °F to +158 °F) <i>Resolution: 0.01 °C • Expanded uncertainty after calibration: ± 0.3 °C to ±0.5 °C</i> Humidity: 0 to 90% RH <i>Resolution: 0.01% RH • Expanded uncertainty after calibration: ±4% RH</i> Light: 0 to 32,764 Lx
Calibration options	ISO/IEC 17025 (COFRAC) accredited • Certified (non-accredited) • NIST-traceable
Measurement points	3 measurement points
Display & interface	No physical display • Pushbutton controllable Bluetooth activation for pairing, data logging start
Alarms	1 high and 1 low alarm limit (with programmable delay) • Visual alarm/status indicator • Alert notification via OCEAView
Software	Data logging configuration and integration with OCEAView platform (Cloud or on-premises) via OCEAView Mobile • Adjustable sensor reading interval
Connectivity	Bluetooth Low Energy (integrated antenna)
Data management	16,000 readings with 1 measurement point OR 4,000 readings per measurement point (about 4 months OR 4 weeks of data with reading interval of 10 minutes) • Unlimited storage of uploaded data in OCEAView
Power	Li-MnO ₂ (CR2450) cell coin non-replaceable Lithium battery • Over 1 year battery life (standard usage)
Operating conditions	-30 °C to +70 °C (-22 °F to +158 °F); 0 to 90% RH (non-condensing)
Storage conditions	-30 °C to +70 °C (-22 °F to +158 °F); 0 to 90% RH (non-condensing) • Optimal storage around 25 °C (77 °F)
Casing & dimensions	ABS casing • 81 x 43 x 8 mm (3.2 x 1.7 x 0.3 in.) • Weight w/battery: 24 g (0.8 oz.)
Protection index	IP 30
Mounting & installation	Adhesive mounting
Certifications	CE, FCC, IC • DO 160G: 2010



Product reference

PART NUMBER	DESCRIPTION
Atlas data logger with internal sensors	
ENR.ATL.0003	Internal temperature, humidity, and light sensors



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