Oceasoft™

OCEABridge
Communication gateway
for OCEASOFT Bluetooth® data loggers

AUTOMATED DATA COLLECTION TO SIMPLIFY MONITORING FOR YOUR TEMPERATURE-SENSITIVE GOODS

OCEABridge is a gateway device that automatically collects and forwards data stored by OCEASOFT Bluetooth®-enabled Atlas and Emerald data loggers. Data is transmitted wirelessly, so you don't even have to open containers or packaging.

Integrated directly into your WiFi or Ethernet network, OCEABridge sends sensor readings to the secure OCEASOFT Cloud platform – OCEACloud – or your own on-premises server, where the data is accessible using the OCEAView Web application. The OCEABridge gateway has its own integrated web interface for easy configuration.

If WiFi or Ethernet are not available at your facility, the 3G/4G cellular data option enables your gateway to operate autonomously for a worry-free and hassle-free fully wireless solution.
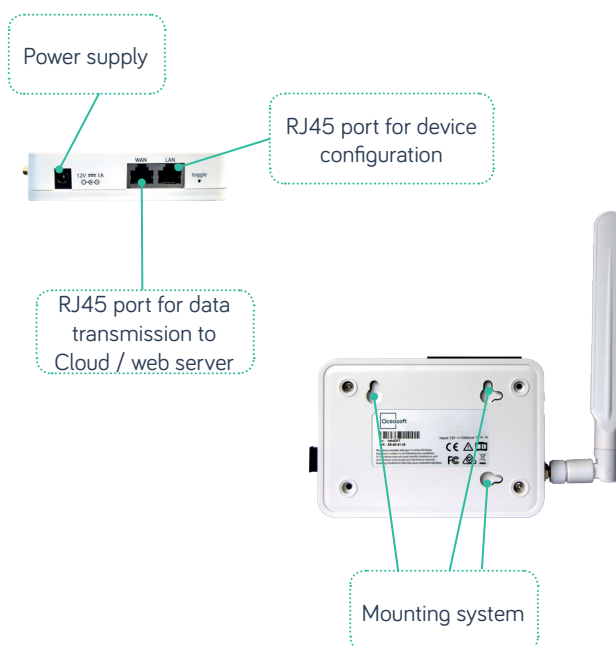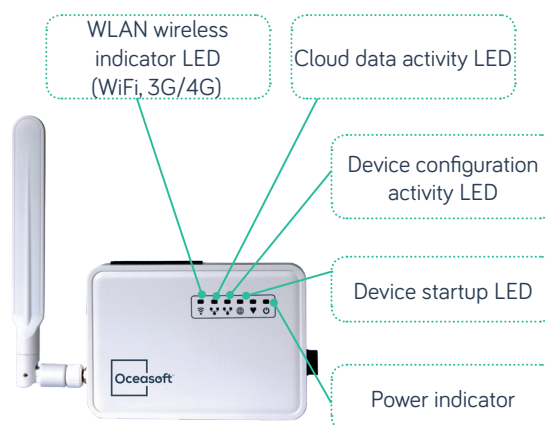
- **Efficiency: automatically collects sensor readings and gives you instant access via OCEACloud or an on-premises server**
- **Simple installation: requires only a power source and Internet access**
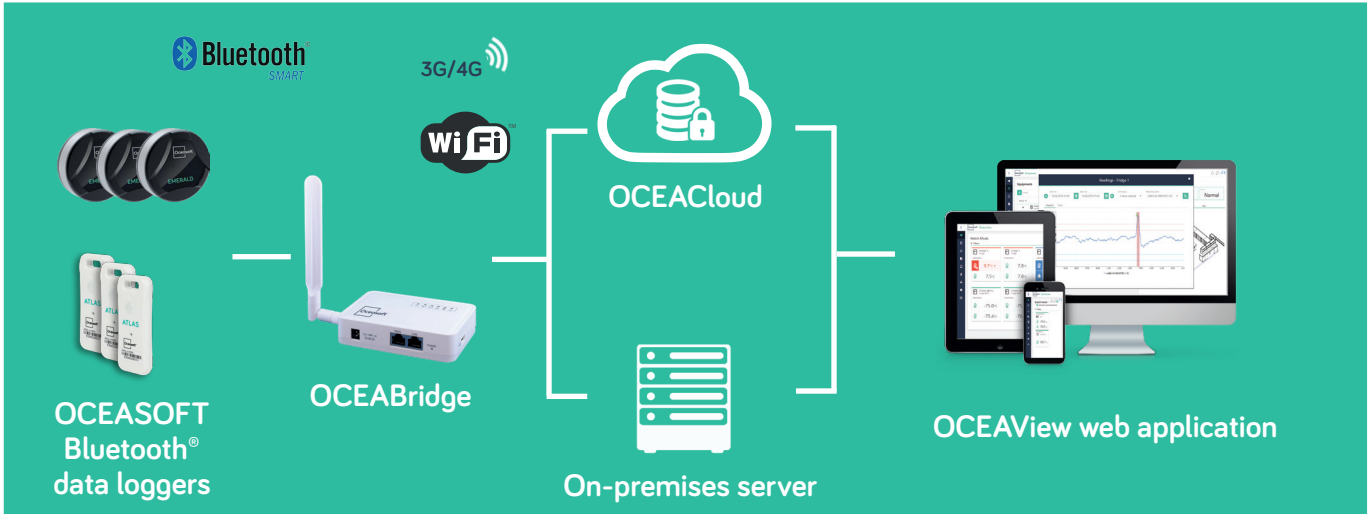- **Performance: implementing the latest wireless technologies: Bluetooth® Smart, WiFi, 3G/4G**

WLAN wireless indicator LED (WiFi, 3G/4G)

Cloud data activity LED

Device configuration activity LED

Device startup LED

Power indicator

Power supply

RJ45 port for device configuration

RJ45 port for data transmission to Cloud / web server

Mounting system

Bluetooth® SMART **Wi Fi™** **3G/4G**

Distributed by:

Djurhuus IT
Quality before Quantity

TECHNICAL FEATURES

Connectivity	Bluetooth® Smart 4.0 technology • Automatic detection of data loggers within Bluetooth® wireless range • Connectivity via Ethernet or wirelessly via WiFi or 3G/4G
Networks	2 x RJ45 connectors (for configuration and network access) • Integrated WiFi module (2.4 GHz / 100mW: IEEE 802.11 b/g/n • Optional: integrated 3G/4G modem (antenna connector and screw-on antenna included)
Data management	Collects data from sensor modules, sends with unlimited storage on OCEASOFT Cloud – OCEACloud – or an on-premises server • Factory reset option to reuse modules after data logging sessions • White-list to filter managed modules
Device hardware	CPU: AR9331 • DDR RAM: 64 MB • Flash: 16 MB • Bluetooth® Smart USB dongle smart module
LED indicators	External LEDs show gateway status: off, blinking green, or solid green. Status: on-off, system starting up or running, RJ45 plugged in or connection in progress, Internet connection in progress or established
Updates	Gateway software update possible directly via web administration interface or by entirely reprogramming firmware
Power supply	External power supply (110-240 VAC / 9 ~ 12v DC) • Maximum output current: 2.5A
Storage conditions	0°C to +50°C
Operating conditions	0°C to +50°C • 0 to 90% RH (non-condensing)
Mounting	Wall-mount, screw attachment
Casing	IP40 • ABS casing • Dimensions: 12 x 8.5 x 3 cm (4.7 x 3.3 x 1.2 in.) • Weight: 150 g (7 oz.)
Standards and approvals	
Bluetooth®	CE • FCC: QOQBLED112 • IC: 5123A-BGTBLED112 • KCC (Korea): KCC-CRM-BGT-BLED112 • MIC (Japan): 003WWA111471
WiFi	CE • FCC: ZHZHE
Cellular data	ANATEL • AT&T, CE, FCC, IC, JATE, NBTC, PTCRB, RCM, Rogers, TELEC
EC	EMC: EN 301 489-17 V.3.1.1 in compliance with EN 301 489-1 V2.1.1. • Radiated emission: EN 300 328 V2.1.1 • Safety: EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013

OCEASOFT Bluetooth® data loggers — **OCEABridge** — **OCEACloud** — **On-premises server** — **OCEAView web application**

DATA SHEET