



## LYNGSOE BLE AUTOMOTIVE READER™

### ONBOARD READING OF ASSETS FOR SMART LOGISTICS SOLUTIONS

#### COST-EFFICIENT BLE AUTOMOTIVE READER

The Lyngsoe BLE Automotive Reader™ is a cost-effective solution for onboard reading of BLE tags on assets. It is perfectly designed for mobile connectivity in a multitude of solutions within transport logistics. Installation and commission can be done using Lyngsoe Systems' user-friendly mobile app.

#### CONNECTIVITY

The reader includes an embedded Linux and connects (real-time) to your backend systems using Wi-Fi or LTE (fallback to 4G or 3G). In this way, device data can be captured and pushed to your logistics platform for immediate information access that can help you save time and money in your supply chain.

#### LYNGSOE LIVE LOGISTICS™ INTEGRATIONS

Lyngsoe EDECS™ Software has been embedded on the device for high-level data filtration, device management and monitoring capabilities. EDECS™ also enables the BLE Automotive Reader to connect and send data to our own logistics platform, e.g. Lyngsoe LIVE Logistics™, where data are further enriched and where the solution is monitored.

#### SMART POWER MANAGEMENT

Smart automotive power management of the reader to ensure low battery consumption. Essential when trucks are not on duty to avoid battery drainage.

#### SHORT-TERM HIRE SOLUTION

The smart power management solution provides the ability to use the reader for short-term hire vehicles, where the reader, along with a power bank, can be operational for a short period. For example, for usage in leased vehicles.

#### BUILT FOR HARSH ENVIRONMENTS

The BLE Automotive Reader has a durable housing suitable for mounting in vehicles to guarantee the necessary robustness within transport logistics and still function as design – MIL 810 Category 4 and IP 67.

#### KEY FEATURES

- LTE/UMTS/GSM
- Bluetooth with BLE
- Battery operational mode
- Installation via App



## SPECIFICATIONS

## LYNGSOE BLE AUTOMOTIVE READER™

Operating environment	Indoor/Outdoor
Mobile / Cellular	Multimode LTE/UMTS and GSM Module LTE with fall back to 4G and 3G
Bluetooth/BLE BLE read range Ethernet	Bluetooth 4.1 compliant or higher 50 meters line of sight / 165 ft 1 Ethernet port, 10/100 Mbps
Positioning	GPS
IP rating	IP67
Power	Automotive (12V, 24V)
Operation temperature	-20° to 50 °C / -4°F to 122°F
Storage temperature	-30° to 60 °C / -22°F to 140°F
Approvals	The Radio Equipment Directive (RED) 2014/53/EU RoHS (2011/65/EU and 2015/863/EU)

## PHYSICAL CHARACTERISTICS

Size	20 cm x 12 cm x 4 cm / 7.8" x 4.7" x 1.6"
Weight	< 2 kg / < 4.4 lbs

