



LYNGSOE LS6120 RTLS READER™

AN RFID AND BLE PRODUCT DEDICATED TO INDOOR ASSET TRACKING

The LS6120 RTLS Reader™ fits into logistic choke-points in hospitals where accurate RFID registrations are required. Logistic choke-points are boundaries between locations, where assets are passing between departments or where responsibility for an asset is handed over between staff.

The LS6120 RTLS Reader has a built-in BLE receiver for reading BLE tags mounted on assets. The LS6120 RTLS Reader locates BLE tags to a zone covered by the reader.

FORM FACTOR MATTERS

The small form factor of the LS6120 RTLS Reader makes it extremely suitable for installations in doorways, corridors and other choke-point locations in hospitals, where space is very limited. The reader is suited for wall mounting and installation above suspended ceilings.

DISTRIBUTED DATA PROCESSING ADVANTAGE

The LS6120 RTLS Reader with built-in EDECS™ determines the passing of multiple assets at the same time using a complex algorithm based on several RFID readings for the assets. The LS6120 RTLS Reader optimizes data load in large RFID infrastructures by processing large amounts of RFID data locally.

EASY CONFIGURATION

The LS6120 RTLS Reader can read assets on each side of a choke-point. The reading distance can be adjusted in EDECS to provide accurate real-time data which is automatically transmitted to the Lyngsoe LIVE Logistics™ platform for further enrichment. The output power of the LS6120 RTLS Reader is configured to avoid interference with other active radio equipment in the hospital environment. It can be adjusted further to reduce cross readings and optimize RFID antenna reading fields.

DEVICE MANAGEMENT

The LS6120 RTLS Reader features an RFID test tag for self-diagnostic and connects to backend device monitoring systems by secure protocols. The LS6120 RTLS Reader has local data buffering and will function offline - a key element in a robust and reliable RFID infrastructure.

BENEFITS

- Reads RFID tags accurately passing through choke-point
- Reads BLE tags on assets
- Small form factor and easy to install
- Built-in EDECS™ for distributed data processing



SPECIFICATIONS

LYNGSOE LS6120 RTLS READER™

Product number: LS6120

PRODUCT KIT CONTENT

1 x Lyngsoe LS6120 RTLS Reader™
1 x Power supply (model specific type)
1 x Ethernet cable 5m

HARDWARE	600316	600319
Power Supply	100-240 VAC, 50-60 Hz	PoE powered - 802.3af
Power Consumption	12.5 W	
UHF RFID reader (RAIN/UHF compliant)	✓	
External RFID antenna connectors	2 pcs.	
Wi-Fi module (802.11a/b/g/n)	✓	
BLE module (Bluetooth 5.1)	✓	
LAN	✓	
Operation Temperature	0°C - +50°C	
Storage Temperature	-35°C to +70°C	
Humidity	Max. 95% / Non-condensing at +40°C	
IP Rating	IP54	
Dimensions	20 x 15 x 7 cm.	
Weight	0.6 kg.	

SOFTWARE

Lyngsoe EDECS™ included

ACCESSORIES

RFID Antenna Kit 5017280
Antenna Mounting Kit for fixed ceiling 5012877
Antenna Mounting Kit for suspended ceiling 5012878

