

Loris is a family of solutions that is built on advanced and innovative IoT hardware and software platforms providing sensing & communication for Smart City and Crowd Management Systems applications.

The Loris E2 collects data by detecting BLE Beacons and provides real-time location information and its analytics to develop solutions for a cost effective and smarter workplace. Loris E2 is designed with IP66 class protection to be used in outdoor harsh environments.



Features

Multiple connectivity options
External Antennas for better sensitivity
Weather resistant enclosure

Sensing Interfaces

Bluetooth

Protocol	Bluetooth 5.0
Rx-Sensitivity	-94dBm
Antenna	External Antenna
Range	~100m*

GPS

Receiver Type	16-Channel, C/A Code
Tracking Sensitivity	-157dBm

Power

Supply Rating	~12 Watts
Power Options	POE 802.3af (active) or 12v DC

Enclosure

Material	Aluminium
Dimensions	156.3 mm x 135 mm x 87 mm
Weight	945 Grams
Color	Metallic
GreyProtection Class	IP66

Environment

Temperature	0°C to 70°C
Humidity	90%

Connectivity

Power Over Ethernet (POE)
2.4GHz Wi-Fi g/n
3G Dual-Band UMTS/HSDPA (900/2100)
2G GSM/GPRS/EDGE (850/900/1800/1900Mhz)

Certifications

CE**
FCC**

Accessories

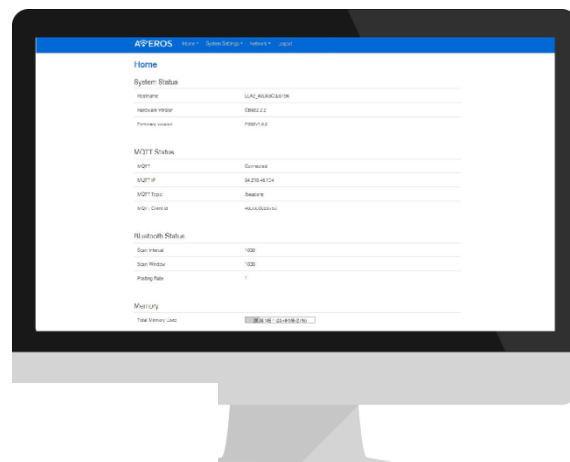
Active GPS Antenna
GSM Antenna
Bluetooth Antenna
Wifi Antenna
IP68 Power Connector
12v POE injector
LAN cable (1 meter)

(*) Signal propagation depends heavily on environment conditions. Range is calculated in line of sight

(**) In process

Device Configuration

The Loris E2 provides an embedded web page for configuration and device settings management. With the help of this page, customers can check the status of the device, change its parameters, backup and restore its configuration/settings and upgrade firmware.



Application Areas

- Warehouse & Logistics Solution
- Employee Attendance System
- Hospital RTLS solution
- Visitor Tracking Solution
- Student Tracking Solution
- Vehicle Tracking

Recycling

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

User has the choice to give his product to a competent recycling organization or to retailer when he buys a new electrical or electronic equipment.

Warning: The socket-outlet shall be installed near the equipment and shall be easily accessible.

Contact us



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