

BT Eye beacon

BS 114 801

CERTIFIED BLUETOOTH LOW ENERGY ID BEACON MODEL WITH ROBUST WATERPROOF CASING AND A LONGLIFETIME BATTERY

USAGE AND CHARACTERISTICS

- » Perfect wireless solution for traceability use cases, delivery tracking, monitoring of various movable objects in logistics (trailers, containers), agriculture (tractor attachments), and constructions (tools and inventory)
- » Suitable for indoor tracking solutions for items tracking in warehouses, hospitals, transport hubs and other types of industrial areas
- » EYE beacon supports iBeacon and Eddystone protocols
- » 10+ years long battery life
- » IP67 protection casing with handy two mounting points
- » The model is designed for a low-cost fast and easy configuration and integration to save precious time, resources, ensure timely monitoring and accountability



MEASURES AND TRANSMITS

- » Beacon ID
- » Up to 80 meters connectivity range via Bluetooth
- » Easy to use mobile app for configuration, data scanning and updating

TECHNICAL PARAMETERS

FUNCTIONALITIES	Beacon ID	
DIMENSIONS AND WEIGHT	Dimensions	56,6 mm x 38 mm x 13 mm
	Weight	18 g
ELECTRONIC	Microcontroller	ST Microelectronics BlueNRG-2
	Quartz Crystals	32.768 kHz, 16 MHz
	Bluetooth operating frequency	2.402 - 2.480 GHz
	Bluetooth antenna gain (peak)	1.2dBi
BATTERY AND POWER	Model	CR2450
	Type	Lithium, Manganese Dioxide (Li/MnO ₂)
	Total Capacity	600 mAh
	Replaceable	No
	Battery life (Tx=2 dBm; interval: 3 s)	4+ years
	Battery life (Tx=2 dBm; interval: 5 s)	8+ years (Default)
CONNECTIVITY	Bluetooth	Bluetooth 4.2 compliant, Bluetooth 5.2 certified
	Range	80 m
	Available transmission power levels	Up to 8 dBm
	Sensitivity	-88 dBm
CASING	Protection	IP67
	Mounting	Two holes to screw/leash/strip, tape
ENVIROMENTAL REQUIEREMENTS	Humidity (non-condensing)	From 0% to 100%
	Operational temperature	-20°C / +60°C (-4°F / +140°F)
PROTOCOLS COMPATIBIITY	iBeacon, Eddystone, Teltonika	
CERTIFICATES	CE RED (EU), FCC (USA), UKCA (UK), RoHS, E-mark, ANATEL, EAC-TBD	