

BLE-Gateway-IND :BLE Reader for Indoor Mounting

BLE- Gateway is a BLE Reader with Intelligence and **WiFi/LAN** Interface . The Reader reading range can be adjusted from **4 mtr – 15 mtr** thru configuration . Apart from this the skip duplicate reading setting can be done at the reader itself thus avoiding unnecessary duplicate data going to the cloud /private server . It has a table where the first data is stored alongwith being sent to server but any consequent data of the same tag is not sent . The time limit for this validation can be set by user .




The Reader also only validates MSF BLE tags so that other tags , phones etc are not read by Gateway . The BLE data read consists of Tag ID , Time Stamp , Battery Strength , Signal Strength at the Gateway which is sent thru WiFi/LAN interface as a JSON payload over MQTT

Reader Specification:

- Nordic® nRF52832 based BLE Reader
- WiFi / LAN Interface
- Protocol : MQTT
- Power : 10 -30 VDC
- Enclosure : Ceiling Mount , ABS
- Dimension :
- Weight :
- Color : White

M2 : BLE Tag

The BLE tag is a small lightweight tag which can be read of the body of the person whether he wears it or carries it in his pocket . It can be linked between the existing Company RFID card and the Lanyard as shown below.

Picture	Chipset	Battery	Distance	Lifetime	Bluetooth	Protocol
	Nordic 52832 chip	1pc*CR2032 coin Battery (Replaceable)	15 meters at Open Place	6 Months battery lifetime @ default Setting	Ble 5.0 & 4.2	MSF Protocol



RFID card linked with BLE tag in white and the connected to hip thru Retractable Reel ID Card Holder .