2 LD Module of BU-500

LD Module FCC ID: AMULDBUMODULE

RF Transceiver: Atmel AT86RF230
RF Frequency: 2.4GHz
Modulation type: QPSK
RF Channels: 16 RF Channels
Baud Rate: 250K Bit/Sec (Not configurable)
RF Module output power: 3dBm

BU-500 (Base Unit) is a unit used to collect messages from tags and send them to central management system.
The unit replies to each tag upon receiving a message. They unit is also used to set various tag parameters and to update software inside the tag.

Outdoor unit powered from 24V DC via external AC to DC PS – 110/220VAC.

2.1 BU-500 Units contains Internal Antenna

Internal Antenna type: Internal diversity patch antenna, ~10dBi, directional
Antenna gain: ~12dBi (Max gain: 15dBi)

Average RF data: 3 messages/hour, 1mSec/message, ~30bytes/message per tag.
Option to connect External antenna with same parameters