



Description

Micro-Computer IoT (Internet of Things)
 Beacon BLE (Bluetooth Low Energy)
 Scanner with and WPA2 (personal), AES in
 WLAN hardware for faster data encryption
 and 802.11 b/g/n compatibility

Key Features

- Scan data iBeacon devices
- Compatible with all Bluetooth 4.0 (BLE) devices
- Distance beacon scan 20 Meters
- Compatible with Apple iBeacon™ standard.
- Scanning parameters.
 - o Major and Minor values
 - o UUID
 - o RSSI
- OnExit Beacon region monitoring.
- OnEnter Beacon region monitoring.
- OnExit Beacon region time stamp.
- OnEnter Beacon region time stamp.
- Real Time Clock
- Ethernet Port
- OAuth Security Sync
- 120 Beacon parallel scan / second
- Reboot & Factory Reset Button
- Uptime until connect +- 5 Sec
- Record offline enter exit activity up to 2000 activity

Specification

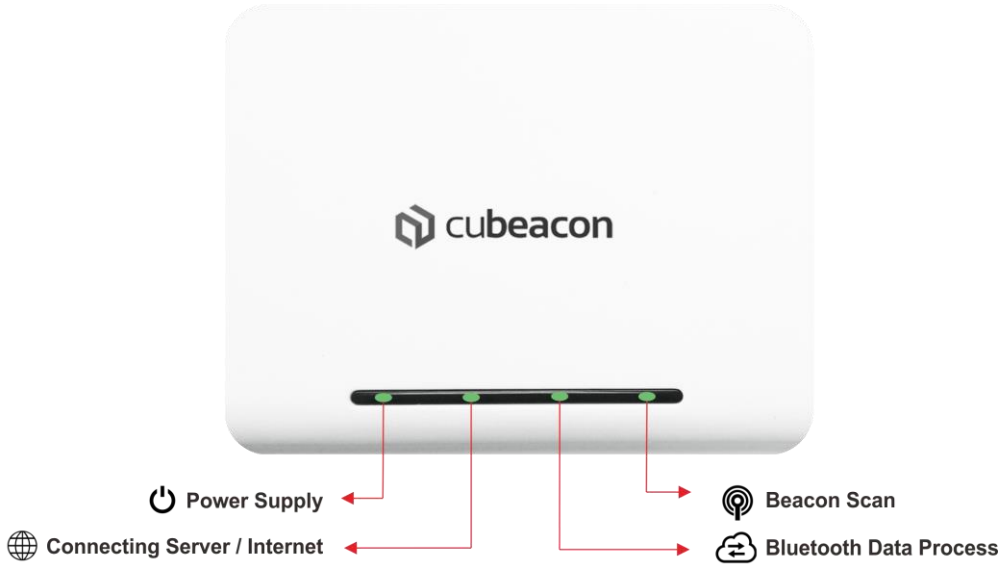
Power Supply	: 9 VDC
Current Supply	: 2 A
Power Mode	: AC to DC Adaptor
Processor	: 32bit ARM Cortex M0
Firmware	: 2.1.0.1709
Bluetooth Chip	: nRF51822 Nordic 4.0
Server Protocol	: MQTT Protocol
WiFi Protocol	: 802.11 b/g/n
Configuration	: "Over-The-Air"
	Android 4.03
	iOS 8
SPI Flash	: 4 Mb
Standard WiFi	: FCC/CE/TELEC/ KCC/SRRC/IC/NCC
Operating Temp	: -20° C ~ 60° C
WiFi Range	: 20 Meter (Outdoor) 10 Meter (Indoor)
Range Beacon Scan	: 50 Meter (Outdoor) 20 Meter (indoor)

Dimension Cubeacon AR25

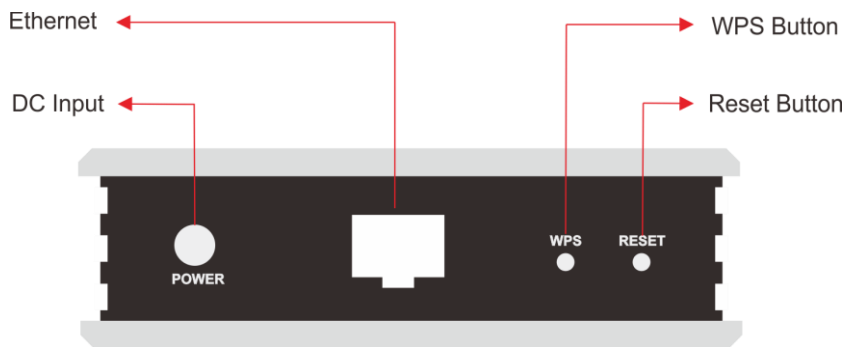
Height	: 36 mm
Width	: 80 mm
Length	: 110 mm

Information

Top View



Back View



- DC Input : Adaptor AC/DC
- Ethernet : Ethernet port
- WPS Button : Default Setting
- Reset Button : System Reset

Applications

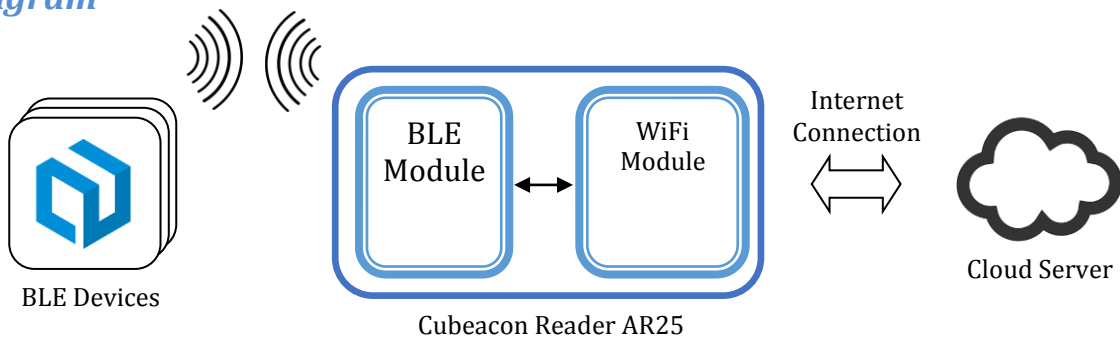
- Attendance
- Access Control Door Lock
- Access Management
- Location Tracking
- Scanning Beacon
- Home Automation

- Manage Beacon
- Beacon Gateway
- Health and wellness monitoring
- Security

Operation State & Power Consumption

State	Min	Typical	Max	Unit
Wake-up		15		mA
Pre-processing		25		mA
Pre-receiving		25		mA
Receiving		56		mA
Transmitting		170		mA
Scanning beacon		80		mA
Transmitting + Scanning beacon		185		mA
Ethernet Mode		700		mA

Blog Diagram



Packing Information



Details	Package	Carton Large
Quantity	1 pcs	12 Pcs
Net Weight	135 gram	1350 gram

Gross Weight	150 gram	1500 gram
Size	185 x 105 x 55 mm	380 x 210 x 185 mm