Lat-Lon
A BSM TECHNOLOGIES COMPANY

Mesh Technology

- Gather More Data
- Reduce Cost
- Custom Sensor Options

ACCESS POINT UNIT (AP)

PHYSICAL SPECIFICATIONS

Dimensions: 9.00" X 7.25" X 4.25"

Weight: 2.0 Lbs.

Material: High Impact ABS

Installation: Ideally Mounted in a High Location in an Unobstructed Area

POWER SPECIFICATIONS

Power Source: Dual 0.9W Solar Panels

Power Storage: Hybrid Battery

Battery Capacity: 3000 mAh

Run Time Without Sun: Approximately 5 Days (Based On Average Transmission Frequency)

COMMUNICATIONS SPECIFICATIONS

Data Modem: HSPA+ or CDMA 2000

Band Frequencies:
850/900/1700(AWS)
/1900/2100 MHz

Coverage: Global

OPERATIONAL SPECIFICATIONS

Message Queue:
1000 Messages

Message Frequency: Based on Sensor Changes

Sensor Changes:
User Configurable (OTA)

MESH RF SENSORS

GENERAL SPECIFICATIONS

Size: 2.02" X 3.02" X 1.02"

Frequency: 2.4 GHz

Transmission Power: 6.4mW

Transmission: Every 10sec (Default)

Battery Life: 5-10 years depending on application

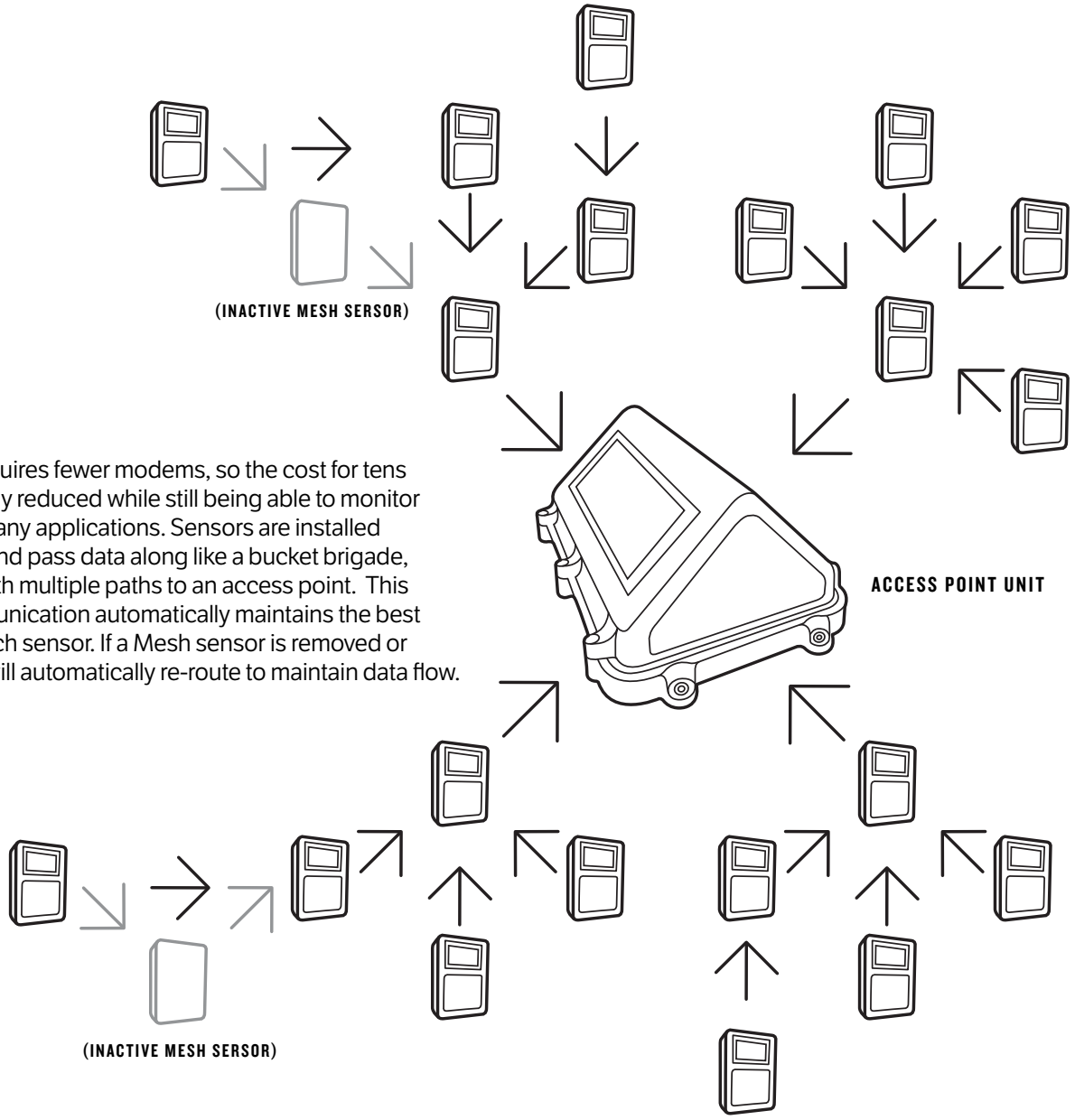
MESH SPECIFICATIONS

Max AP Range: 200 Ft.

Max Sensor-to-Sensor Range: 100 Ft.

Internal Sensor Options:
Temperature, Tilt, Magnetic Switch

Mesh Technology



Mesh Technology requires fewer modems, so the cost for tens of data points is greatly reduced while still being able to monitor individual assets in many applications. Sensors are installed on individual assets and pass data along like a bucket brigade, creating a network with multiple paths to an access point. This self-governing communication automatically maintains the best reporting route for each sensor. If a Mesh sensor is removed or destroyed, the units will automatically re-route to maintain data flow.

Learn more today

Learn more about how Lat-Lon can make a difference for your business.

Call 877-300-6566 today, and talk to one of our friendly, knowledgeable experts.