



SCIMETIC



Facility

Industries Served

Facility Management

The integration of Internet of Things (IoT) technology is reshaping facility management. IoT offers real-time insights, predictive maintenance, and enhanced energy efficiency by connecting devices to gather data seamlessly. This transformation allows facility managers to monitor systems, streamline maintenance, and improve occupant experiences. As IoT continues to evolve, its applications in facility management promise smarter, more efficient building operations.

 Asset Tracking

 Energy Management

 Room Occupancy & Environment Monitoring

 Usage Level Detection

 Parking Management (Smart) Parking

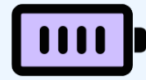


Facility Management

Features



Diverse product options for various applications



Low power consumption for extended usage



Precision in Environmental Monitoring:
High-accuracy temperature and humidity measurements, adept at rapid adaptation to changing conditions



Flexible tracking mode for different scenarios

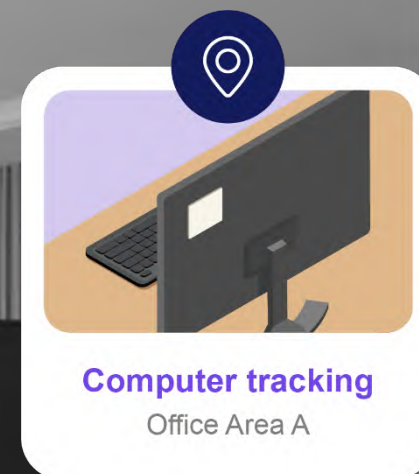
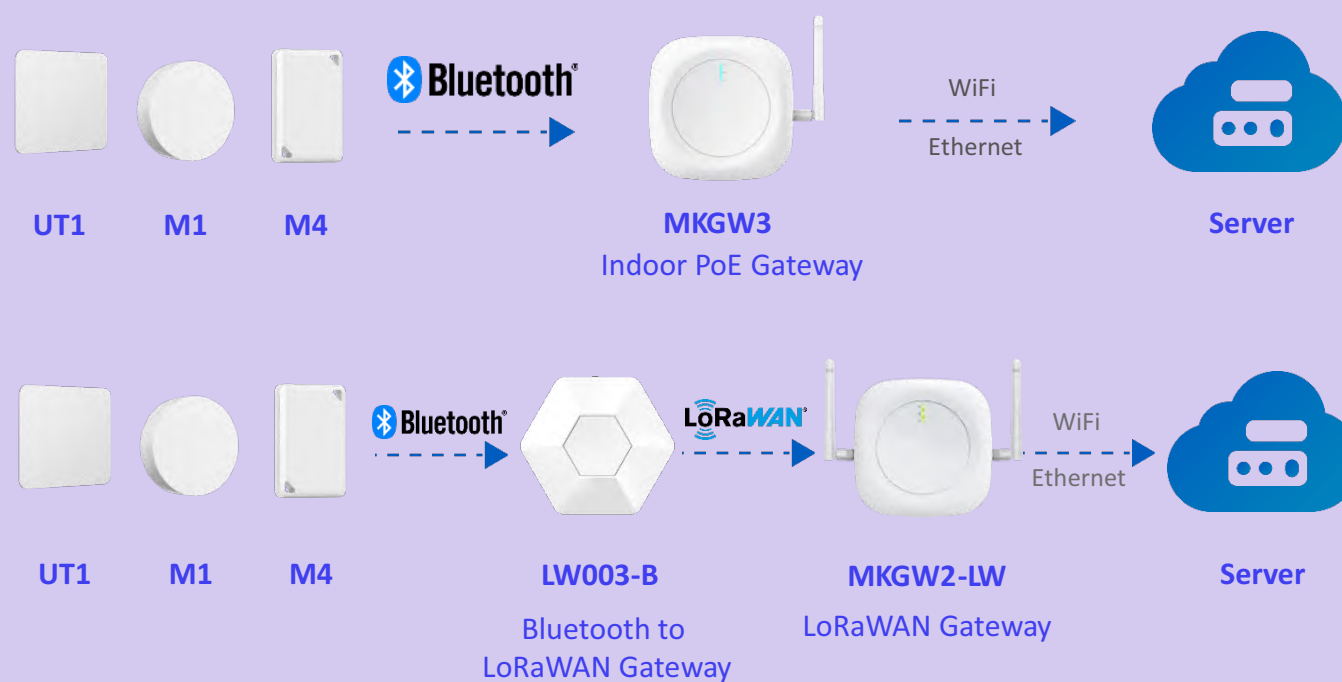


Facilitates hassle-free, wire-free installation for expedited deployment

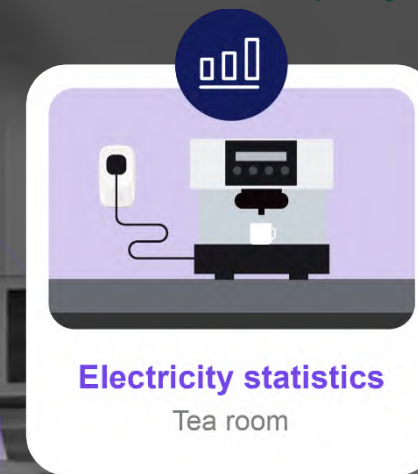


Strong product reliability with long-lasting and durable features

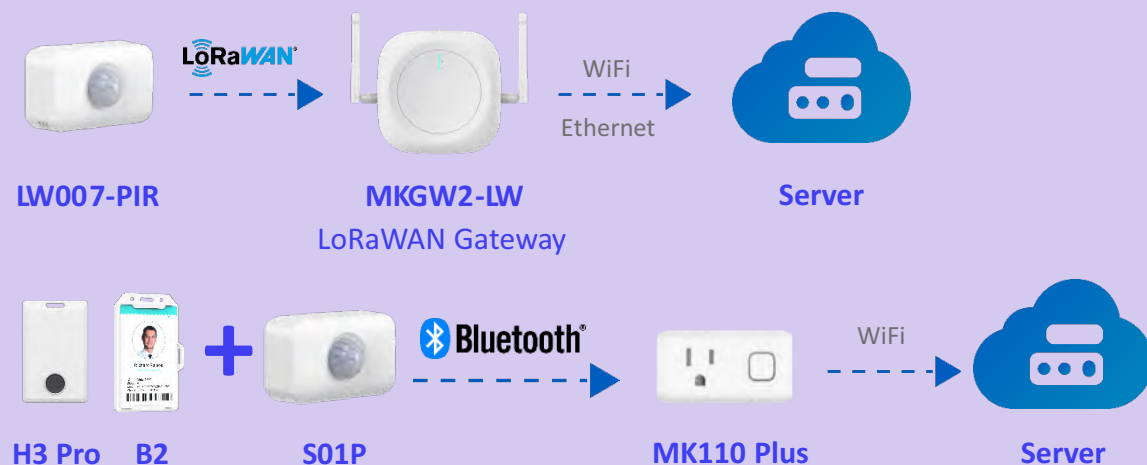
Asset Tracking



Energy Management



Room Occupancy



Conference room occupied
Meeting Room 01

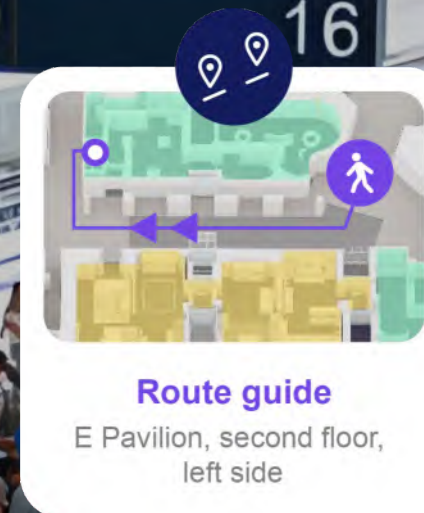
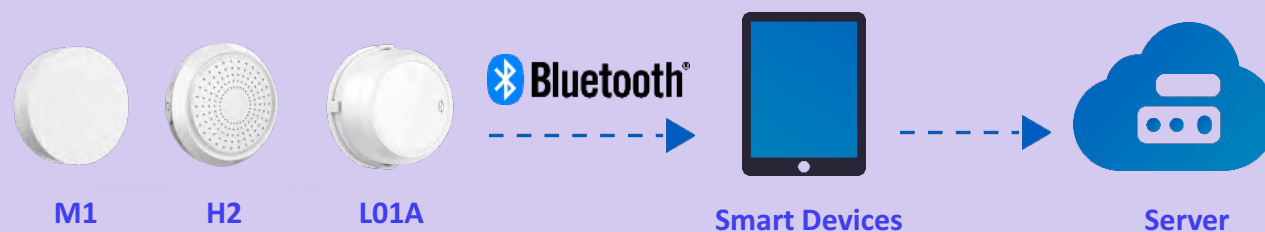


Temperature
23°C
Humidity
45%

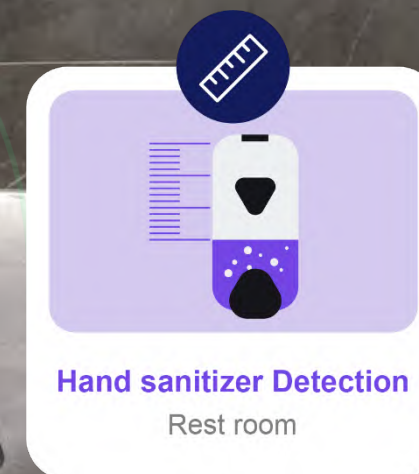
Environment Monitoring



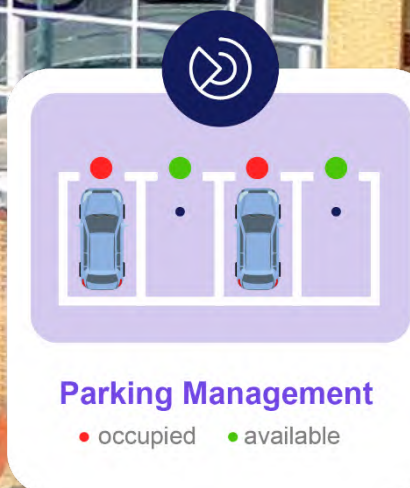
Point of Interest



Usage Level Detection



Parking Management



Products Right for You





UT1
Ultra-thin Paper Tag



M1
Coin Tag



M4
Lite Tag



H2
Navigator



H3 Pro
Button



B2
Smart Badge



L01A
Location Anchor

Dimension (mm)	67.3*58.0*2.3	Φ26.0*7.1	36.5*23.5*5.2	48.5*48.0*14.7	89.0*57.0*5.9	86.0*54.0*9.0	Φ54.5*24.0
IP Rated	IP67	-	-	IP65	IP66	IP66	IP67
Installation	3M tape	3M tape	3M tape/Zip tie	3M tape/Zip tie	Lanyard	Lanyard	Bracket/3M tape
Sensor Type	-	3-Axis accelerometer	Temperature/3-Axis accelerometer	3-Axis accelerometer	Buzzer	Buzzer	Optional
Battery	45mAh (1.5V) Eco-friendly paper battery	220mAh	220mAh	1000mAh	800mAh	800mAh	2400mAh
Lifespan (default settings)	1.5 years	1 year	1 year	5 years	4 years	4 years	8+ years
Operating temperature	-20°C / +60°C	-20°C / +60°C	-20°C / +60°C	-20°C / +60°C	-20°C / +60°C	-20°C / +60°C	-40°C / +85°C



H4 Pro
Temperature & Humidity



L01AS
Anchor Sensor



S01P
PIR Presence



S02R
ToF Range Sensor

Dimension (mm)

88.0*32.2*18.2

Φ54.5*24.0

74.2*32.8*46.9

Φ38.0*14.5

IP Rated

IPX4

IP67

-

IP67

Installation

3M tape

Bracket/3M tape

3M tape/Bracket

3M tape

Sensor Type

Temperature / Humidity
sensor

Temperature / Humidity sensor/
Door detection

Passive IR

TOF Sensor

Sensor specifications

Resolution: 0.1°C / 0.1% RH
Accuracy (Typical): $\pm 0.3^{\circ}\text{C}$
/ $\pm 2\%$ RH

Resolution: 0.1°C / 0.1% RH
Accuracy (Typical): $\pm 0.5^{\circ}\text{C}$ /
 $\pm 2\%$ RH

Viewing angle: Horizontal
120° / Vertical 60°
Detection range: 12m in
Maximum

Ranging distance: 20mm-5m
Ranging error: $\pm 10\text{mm}$

Battery

1200mAh

2400mAh

5200mAh

600mAh

Lifespan (default settings)

3 years

8+ years

5 years

3 years – short ranging mode
1 year – long ranging mode

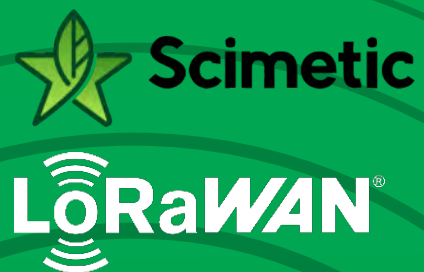
Operating temperature

-20°C / +60

-40°C / +85°C

-20°C / +60°C

-20°C / +60°C



LW005-MP
Meter Plug



LW007-PIR
PIR Sensor



LW009-SM
Surface Mounting
Parking Sensor

Dimension (mm)

104*61*34.5

70*50*38

Φ: 202mm, H: 30mm

IP Rated

IP20

-

IP68

Installation

Plug

3M tape/Screw

Surface-mounting/In ground-mounting

Sensor Type

Metering

Temperature/Humidity/PIR

Hall/Geomagnetic/Microwave radar

LoRa Protocol

LoRaWAN V1.0.3

LoRaWAN V1.0.3

LoRaWAN V1.0.3

Lora Frequency

EU868/AU915/US915/AS923/IN865/KR9
20/EU433/CN470/CN779/RU864

EU868/AU915/US915/AS923/IN865/KR
920/EU433/CN470/CN779/RU864

EU868/AU915/US915/AS923/IN865/K
R920/EU433/CN470/CN779/RU864

LoRa Communication Distance

Up to 7 km (in urban open space)

Up to 7 km (in urban open space)

Up to 500m ~1000m (Depends on
actual environment)

Battery

-

5200mAh

20000mAh

Lifespan (depends on settings)

5-10 years

5 years

5 years



Scimetic Gateway



MK110 Plus
Bluetooth to WiFi Gateway



MKGW3
Bluetooth to WiFi/Ethernet
Gateway



LW003-B
Bluetooth to LoRaWAN
Gateway



MKGW2-LW
LoRaWAN Gateway

Dimension (mm)

75.5*42*37

120 * 120 * 22.5

122.7*109*36

120 * 120 * 22.5

Power supply

120V AC

Micro USB, POE

Built-in 4200mAH rechargeable
battery

Micro USB, POE, DC Jack

BLE Protocol

BLE 5.0 (BLE long range)

BLE 5.0 (BLE long range)

BLE 5.0 (BLE long range)

-

BLE Scan range(open space)

BLE 4.2: 200 meters
BLE 5.0: 220 meters
Coded PHY: 280 meters

BLE 4.2: 280 meters,
BLE 5.0: 280 meters
Coded PHY: 400 meters

BLE 4.2: 200 meters
BLE 5.0: 220 meters
Coded PHY: 280 meters

-

WiFi Protocol

802.11 a/b/g/n

802.11 b/g/n

-

802.11 b/g/n

LoRa Frequency Band

-

-

CN470/EU868/AU915/US915/A
S923/IN865/KR920/EU433/CN7
79

863–870 MHz (EU), 902–928
MHz (US), AU915–928 MHz
(AU915 + AS923)

LoRa Communication Distance

-

-

Up to 4 km (in urban open
space)

Up to 5km (depends on
environment)

Ethernet

-

802.3af

-

802.3af

Your Desires, Our Commitment

Customization Options



- Customizable branding with laser-printed logo and MAC address
- Flexible labeling and packaging options
- Customizable shell colors

Technical Support and Development



- Parameter logging and storage for reference
- Customizable firmware can be flashed into MOKO's hardware
- User-friendly applications and free SDK

Easy Setup



- In-factory pre-configuration for effortless setup

Reliability and Compliance



- Global certifications for reliability and compliance

Thank you!



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