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www.heimantech.com

FIRE SAFETY

PRODUCTS CATALOGUE



Download Catalog



20+ Years of Specialized Industry Expertise

Founded in 2005, Heiman has 20+ years of experience in fire safety and smart home sensors. We hold 1,000+ patents and certifications, serve clients in 100+ countries, and produce 15 million units annually. We provide end-to-end customized R&D and support all major communication protocols.



Shenzhen
factory



Vietnam
factory

Dual Manufacturing Base with Vietnam Production

Heiman operates a Shenzhen - Vietnam dual smart manufacturing layout, boosting global supply chain resilience and flexibility. Our Vietnam factory diversifies capacity, mitigates risks, and optimizes logistics. It enables faster global delivery and compliance with regional trade agreements while maintaining uniform quality.



Strategic Shenzhen Headquarters & Base

Located in Shenzhen — the global electronics innovation hub—Heiman benefits from world-class supply chains, talent, and technology. Our Shenzhen facility houses core R&D, international laboratories, and main manufacturing.



ISO 17025 & Intertek ETL Satellite Laboratory

Heiman owns a ISO 17025-accredited laboratory and an Intertek / ETL Recognized SATELLITE Laboratory with advanced fire test systems. In-house testing cuts development cycles, accelerates time-to-market, and ensures all products meet the strictest global safety and quality standards.

HEIMAN'S MISSION

Make people's home life safer and more convenient!

HEIMAN'S VISION

Become a world-renowned smart fire protection and smart home company!

HEIMAN'S CORE VALUES

Customer first, quality first, integrity and promise, and continuous innovation!

HEIMAN'S VIEW OF TALENT

Honesty, integrity, professionalism and enterprising spirit!

HEIMAN'S MISSION STATEMENT

Heiman is committed to providing high-quality alarm products to improve people's home safety environment.

You only have one life, and life is rich and colorful. Our products can save a life and prevent property damage.

Choosing my products is trust in us. We need to continue to innovate, strive for excellence, regard quality as our responsibility, and regard quality as our life.

In order to make people's lives safer, I am willing to fight for this all my life!



Shenzhen factory



Vietnam factory

Product Certification



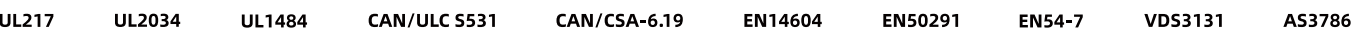
Cooperative Laboratory



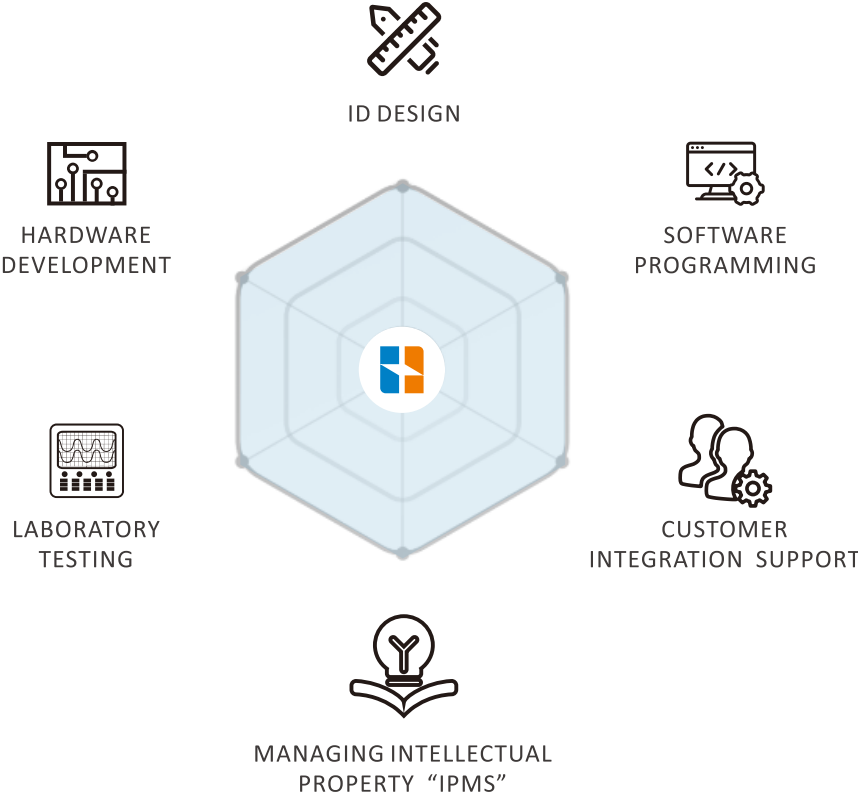
Communication Protocol



Implementation Standards



Environment/raw Materials



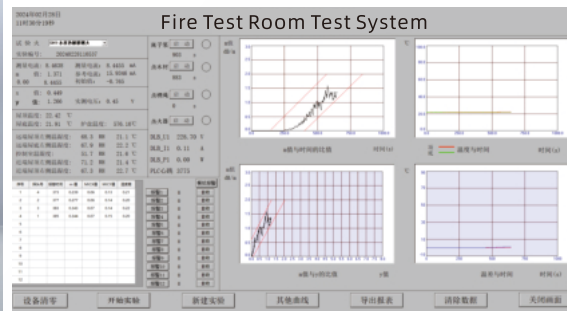
RESEARCH AND DEVELOPMENT

A comprehensive R&D solutions team is available to meet all your needs

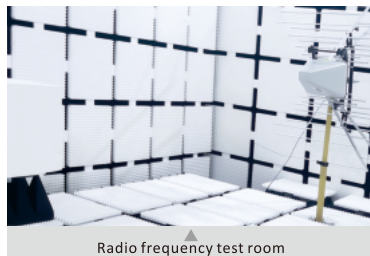
INTERNATIONAL STANDARD LABORATORY



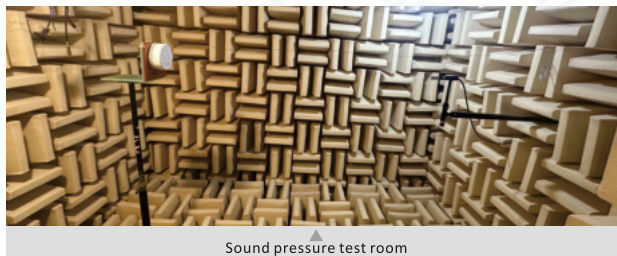
◀ Fire experiment room



▲ Smoke test chamber



▲ Radio frequency test room



▲ Sound pressure test room



FACTORY TOUR

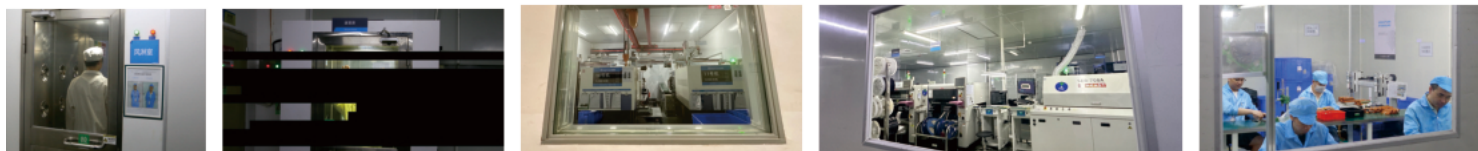
AUTOMATION PRODUCTION LINES



MES SYSTEM "100% INFORMATION VISUALIZATION"



STATIC-FREE & DUST-FREE WORKSHOP "CLASS 10,000"



Smart Safety New Sensations Unlocked



Siemens Infrared Gas Detector



Combined Wave Lightning Surge Simulator



Electrostatic Discharge (ESD) Simulator



Linear Abrasion Tester



Battery Testing Equipment



Fluorescence Spectrophotometer



Handheld Electrostatic Discharge Simulator



Insulation Voltage Withstand Tester



DC Power Supply Analyzer (Power Consumption Meter)



Horizontal Insertion and Removal Force Tester

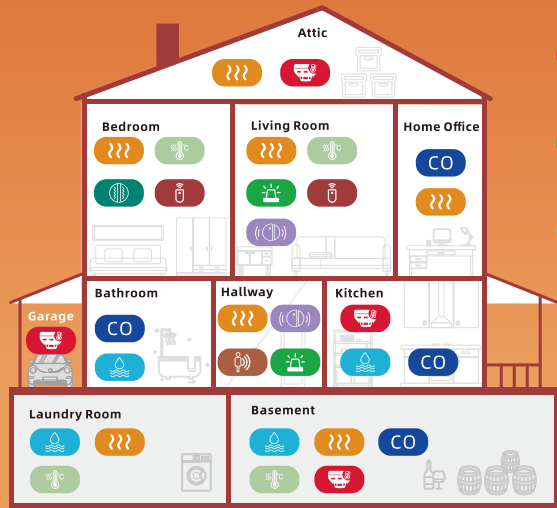


Voltage Withstand Tester

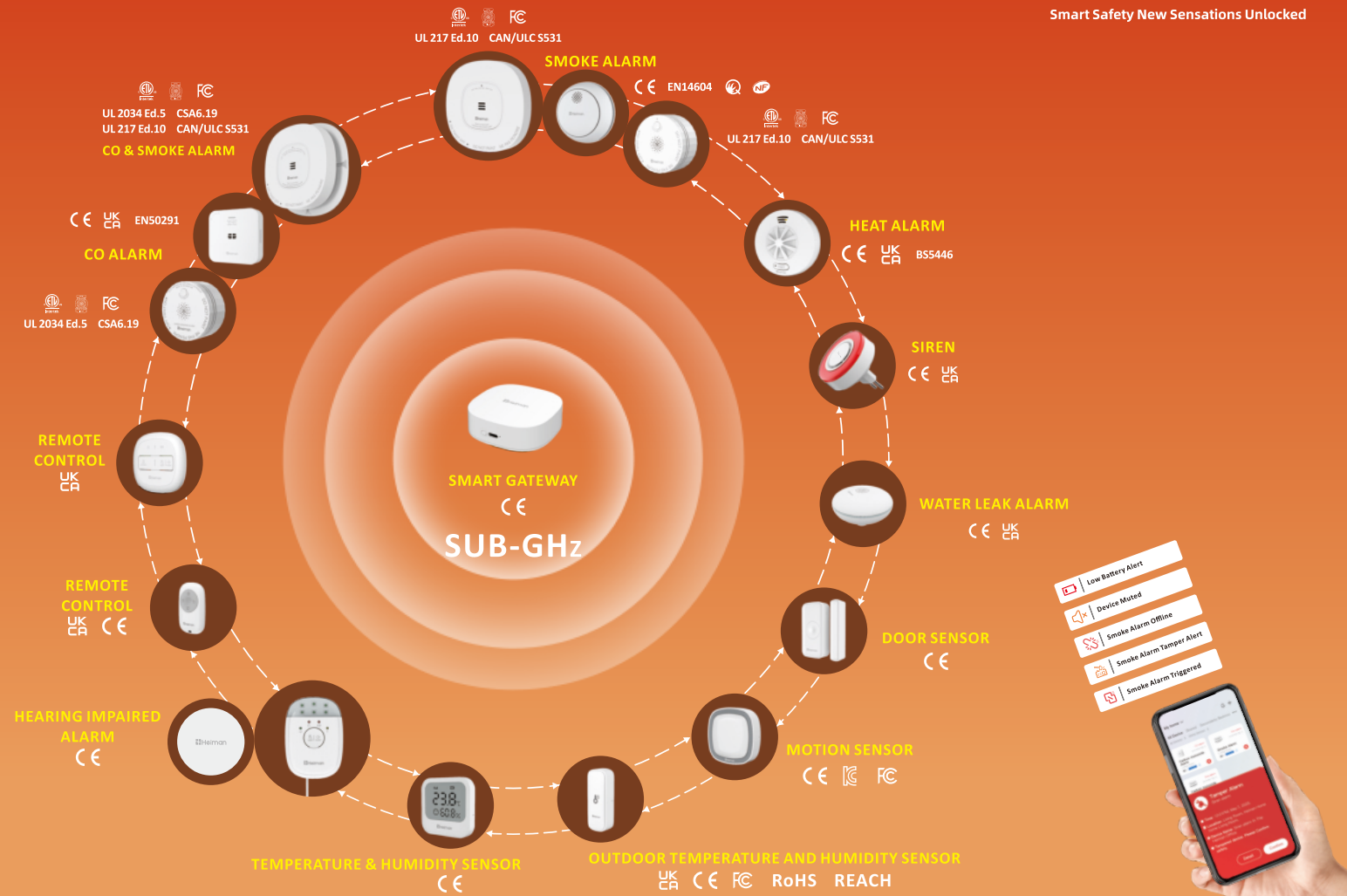


Shielding Box

WIRELESS INTERCONNECTED HOME SAFETY SOLUTION



- | | | | |
|--|--------------------|--|------------------------|
| | SMOKE ALARM | | MOTION SENSOR |
| | CO ALARM | | WATER LEAK ALARM |
| | HEAT ALARM | | DOOR SENSOR |
| | SIREN | | REMOTE CONTROL |
| | TEM. & HUM. SENSOR | | HEARING IMPAIRED ALARM |



EN 54

Hybrid Addressable Solution Wired + Wireless



Hybrid Addressable Solution Wired + Wireless

Flexibility

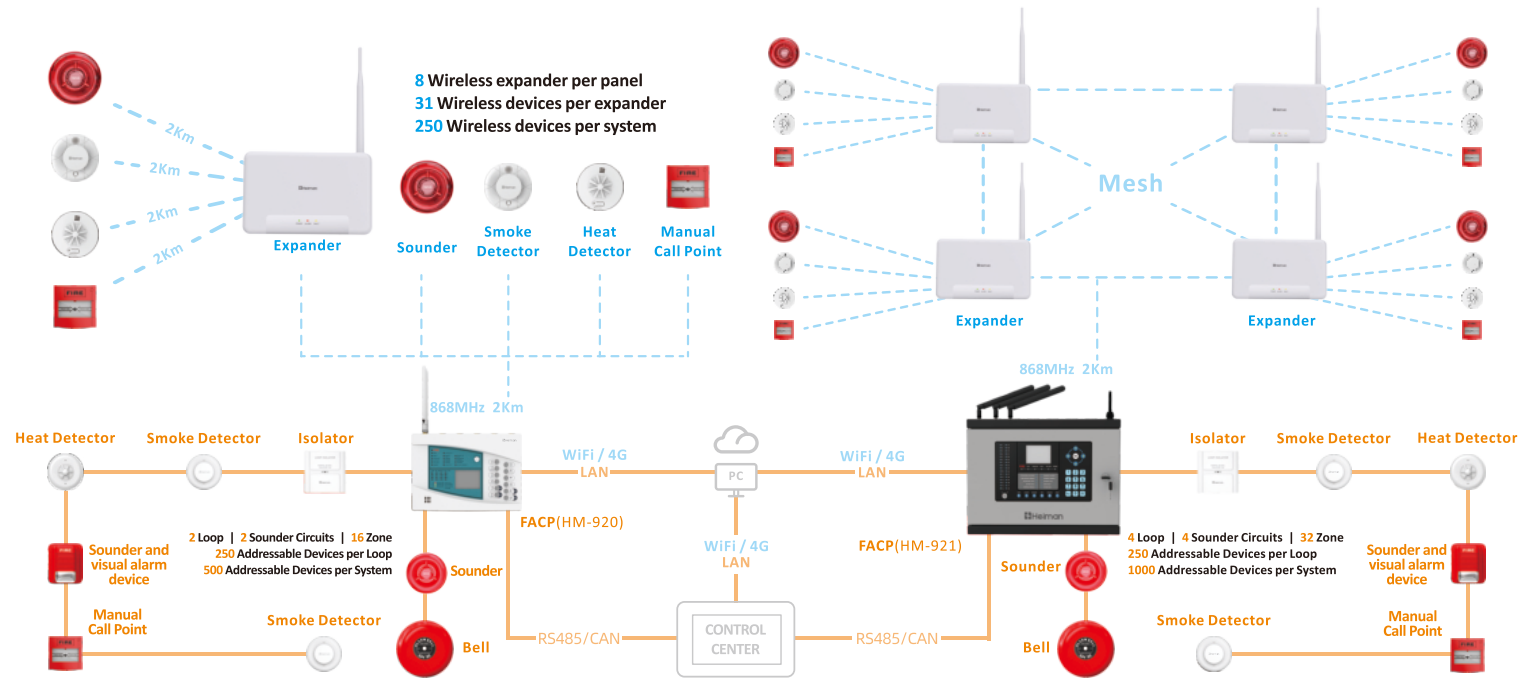
Seamlessly unifies wired and wireless fire devices in a single EN54-compliant platform—unlocking maximum design flexibility for any project size.

EN54 Assurance

Every loop, every signal path, and every wireless channel is engineered to meet rigorous EN54 requirements for stability, reliability, and safety.

Scalable

Modular hardware and flexible architecture ensure easy future upgrades—add new loops, new wireless devices, or new integrations without replacing the system.

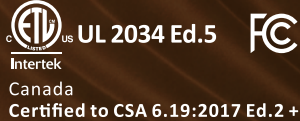




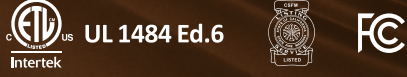
SMOKE ALARM



CO ALARMS



NATURAL GAS ALARMS



HARDWIRED SMOKE & CO ALARM

SMOKE ALARM

SMOKE ALARM

CO ALARMS

NATURAL GAS ALARMS

Smart Safety New Sensations Unlocked



North American

SMOKE ALARM

HM-638PHS

- Dual Infrared Light Detection
- 12-hour Alarm Memory
- Low Power Consumption
- Alarm Pause (hush Mode)

DIMENSIONS:



SPECIFICATION

POWER SUPPLY	DC 3V
PRODUCT LIFE	10 years
BATTERY LIFE	10 years (Battery Not Replaceable)
ALARM INDICATOR	Red LED Flashes, Alarm Sound ≥85dB at 10 feet
OPERATING TEMPERATURE	40 °F (4.4 °C) to 100 °F (37.8 °C)
OPERATING HUMIDITY	≤95% RH (Non-condensing)



North American

SMOKE ALARM

HM - 638PHM-AC

- Dual Infrared Light Detection
- 12-hour Alarm Memory
- Mains Powered With Backup Battery
- Low Power Consumption
- Alarm Pause (hush Mode)

DIMENSIONS:



SPECIFICATION

POWER SUPPLY	120V AC, 60Hz, with 1 × CR-2/3AZ Backup Battery
BATTERY LIFE	10 years (Battery Not Replaceable)
SOUND LEVEL	≥85dB at 10 feet
OPERATING TEMPERATURE	40 °F (4.4 °C) to 100 °F (37.8 °C)
OPERATING HUMIDITY	≤95% RH (Non-condensing)
WIRED INTERCONNECTION	Up to 20 Alarms over 250 m Maximum



UL 217 Ed.10
CAN / ULC S531
UL 2034 Ed.5



North American

SMOKE & CO ALARM

HM-638THS



Dual Infrared
Light Detection



12-hour Alarm
Memory

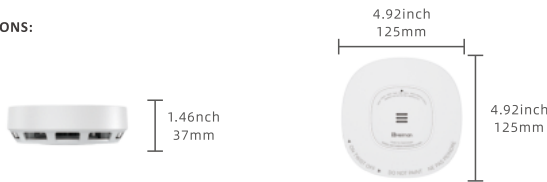


Fault
Self-test



Alarm Pause
(hush Mode)

DIMENSIONS:



UL 217 Ed.10
CAN / ULC S531
UL 2034 Ed.5



North American

SMOKE & CO ALARM

HM-638THM-AC



Dual Infrared
Light Detection



12-hour Alarm
Memory



Mains Powered
With Backup Battery

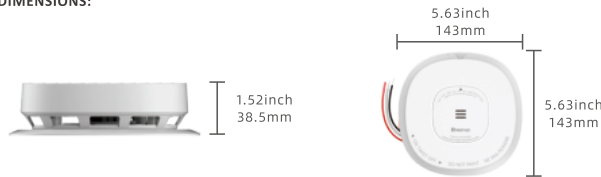


Fault
Self-test



Alarm Pause
(hush Mode)

DIMENSIONS:



UL 2034 Ed.5

Canada
Certified to
CSA 6.19:2017 Ed.2 + U1



North American

CARBON MONOXIDE ALARM

HM-733ESY-T series



Battery
Operated



Low Battery
Warning



Lcd
Display



Anti-rf
Interference



Mute
Function

DIMENSIONS:



SPECIFICATION

OPERATING VOLTAGE	DC3V (1*CR123A/CR17335 battery)		
SENSOR TYPE	Electrochemical		
ALARM SIGNAL	Visual and audible indication		
SENSOR LIFESPAN	10 years		
ALARM SENSITIVITY	30 ppm without alarm before 120 min		
	50 ppm without alarm before 60 min, with alarm before 90 min		
	100 ppm without alarm before 10 min, with alarm before 40 min		
SOUND LEVEL	300 ppm with alarm before 3 min		
	≥85dB at 10 feet		
	Approx. 100 seconds		
PREHEAT PERIOD	Approx. 100 seconds		
OPERATING TEMPERATURE	40°F(4.4°C)to 100°F(37.8°C)		
OPERATING HUMIDITY	≤95%RH (no condensation)		
POWER SUPPLY MODE	5 years Battery (Replaceable)	10 years Battery	Built-in



UL 1484 Ed.6



North American

NATURAL GAS ALARM

HM-733NS series

Conforms to the latest UL1484 6th edition



Battery
Operated



Low Battery
Warning



Tri-color LED
Indicators

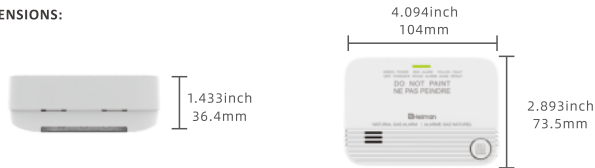


MCU
Process



Mute
Function

DIMENSIONS:



SPECIFICATION

POWER	3V Lithium battery (not available at retail stores)
APPARATUS LIFESPAN	Max.10 years
TARGET GAS	Methane (Natural Gas)
SENSITIVITY	Less than or equal to 10% LEL
OPERATING TEMPERATURE RANGE	32°F (0°C) to 122°F (50°C)
OPERATING HUMIDITY RANGE	5% to 95% RH(non-condensing)
SOUND LEVEL	≥85dB at 10 feet
MOUNTING METHOD	Wall mounting
CONFORM TO	ETL Listed to UL standard (UL1484)
DIMENSIONS	W 104 x H 73.5 x D 36.4 mm



North American

SMOKE ALARM

S1 series



Battery Operated



End-of-life Warning



Low Power Consumption



Manual Test



Error Alarm

DIMENSIONS:



North American

CARBON MONOXIDE ALARM

C1 series



Replaceable Lithium Battery



App Remote Control



Remote Mute



Remote Alarm



Low Power Consumption

DIMENSIONS:



SPECIFICATION

SENSOR TYPE	Photoelectric
SOUND LEVEL	≥85dB at 10 feet
TEMPERATURE RANGE	40°F (4.4°C) to 100°F (37.8°C)
HUMIDITY RANGE	≤ 95%RH (non-condensing)
ALARM SENSITIVITY	1.625%/FT ± 0.625%/FT
POWER SUPPLY	DC3V(Lithium Battery)
SENSOR LIFE	10 years

SPECIFICATION

WORKING VOLTAGE	DC3V(Lithium Battery)
SENSOR LIFE	10 years
SOUND LEVEL	≥85dB at 10 feet
ALARM MODE	Sound and flash alarm, APP prompts
COMMUNICATION DISTANCE	≤100m (in open area)
OPERATING TEMPERATURE	40°F(4.4°C)to 100°F(37.8°C)
OPERATING HUMIDITY	≤95%RH (no condensation)
POWER SUPPLY MODE	10 years Battery Replaceable

