BATTERY POWERED iSERIES

ACTIVE & PASSIVE INFRARED — INDOOR & OUTDOOR DETECTION
Professional Grade Detection Powered by Inovonics

Greatly reduce install time and labor cost with the industry’s number one choice for battery-powered perimeter and area protection. From rooftop HVAC protection to electrical substations, the iSeries line of detectors from OPTEX offers a battery-powered, wireless solution for all your security needs. Each iSeries detector includes an Inovonics EN1941 wireless transmitter pre-installed, allowing for a quick and inexpensive setup with no trenching or wiring needed. Batteries are also included, with an average lifespan of two to ten years depending on the detector and frequency of use. From perimeter to interior, no one offers a more complete line of battery-powered security detections and solutions than OPTEX.
FEATURES & VALUE

Battery-Powered Advantages & Value

What value comes with wireless, battery-powered detectors? From installation time to labor cost, iSeries detectors offer these advantages over traditional hardwired installations:

1. Cost
In the majority of cases, applications such as utility substations and large parking lots can be too expensive or labor intensive to trench.

2. Power
iSeries battery-powered beams and PIRs can be installed in areas where power is not readily available, such as roof tops or remote locations.

3. Installation Downtime
Because of the significant drop in installation time and the fact that no trenching is required, end-users are less inconvenienced. Businesses and residences can operate as usual during the install.

4. Flexible
In environments where storage conditions may change, such as construction sites and storage facilities, battery-powered device options allow the detection area to move accordingly with minimal effort.

5. Easy Upgrade
Battery-powered beam and PIR options can easily be added on to existing security, video, or access systems.

Wireless Battery-Powered Multi-Level Security

Perimeter Security
Reduction in Labor Costs & Installation Time
The iSeries battery-powered, wireless detectors are a perfect way to set up and secure a perimeter without having to trench or run wire. Because of this, an end user can continue business as usual without interruption due to installation labor. A complete perimeter can be set up in hours as opposed to days or even weeks. Both the installer and end-user can also expect a substantial cost savings alternative to a traditional hardwired system. Customers who previously shied away from perimeter security due to cost can now afford a first line of defense as opposed to waiting for a person to do damage before an alarm is triggered.

Approach / Spot Protection
Flexible Security for Changing Site Conditions
For areas inside the perimeter, the iSeries mid-range PIR detectors are a great way to add additional protection to assets and high security areas. In applications where conditions and security needs change on a regular basis, such as construction sites and storage yards, the battery-powered, wireless iSeries can be easily moved or adjusted to fit those needs. Want to back up any alarms with CCTV footage? No problem! The iSeries detectors can easily be used to trigger PTZ or fixed cameras for video verification.

Immediate Perimeter / Boundary Security
Exterior Structure Protection
For areas inside the perimeter, the iSeries mid-range PIR detectors are a great way to add additional protection to assets and high security areas. In applications where conditions and security needs change on a regular basis, such as construction sites and storage yards, the battery-powered, wireless iSeries can be easily moved or adjusted to fit those needs. Want to back up any alarms with CCTV footage? No problem! The iSeries detectors can easily be used to trigger PTZ or fixed cameras for video verification.

Interior Protection
Battery-Powered Warehouse and Indoor Detection
The harsh conditions of a warehouse require a robust detector. The iSeries battery-powered, wireless interior detectors allow for a quick and easy install with stable detection in even the harshest of environments. In addition, all iSeries outdoor detectors will work indoors as well.
Battery-Powered, Wireless Protection

iSERIES LINEUP

**CX-702Ri / EX-35Ri** Harsh Environment / Indoor Commercial PIRs

- CX: Selectable 70 x 70ft / 150 x 8ft detection pattern
- EX: Selectable 35 x 35ft / 55 x 5.5ft detection pattern
- Low indoor temperature rating (14°F)
- Spherical fresnel lens design
- Patented multi-focus technology
- Double conductive shielding (CX)
- Temperature compensation (CX)
- 3-step lens angle adjustment
- Tamper proof (EX)

**Model** | **EX-35Ri** | **CX-702Ri**
---|---|---
**Coverage** | Wide: 35ft x 35ft, 85 ft (11m x 11m) Long: 55ft x 5.5ft / 17m x 17m | Wide: 70ft x 70ft, 85 ft (21m x 21m) Long: 150ft x 8ft (45m x 2.4m)
**Power Input** | 3-9V DC Lithium battery (included) | 3-9V DC Lithium battery (included)
**Current Draw** | 25μA (standby)/80mA (test, LED on) | 25μA (standby)/80mA (test, LED on)
**Alarm Output** | Form C 10V DC 0.01A max. | Form C 120V DC 0.01A max.
**Tamper Switch** | | Form C 28V DC 0.01A max.
**Operating Temp.** | 4°F to 122°F | 4°F to 122°F
**Mounting Height** | 6ft - 8ft (1.8m - 2.4m) | 5ft - 12ft (1.5m - 3.6m)

**FTN-RAMi** All Environment Short Range Dual PIR

- Digital anti-masking
- 16.5ft or 6.7ft selectable narrow range
- 190° horizontal adjustment
- Separable form factor
- Super multi dimension analysis logic
- Double conductive shielding
- Intelligent 'AND' logic
- IP55

**Model** | **FTN-RAMi**
---|---
**Coverage** | Long Setting: 16.5ft x 3.3ft (5m x 1m) Short Setting: 6.7ft x 3.3ft (2m x 1m)
**Power Input** | 3-9V DC Lithium battery (included) | 3-9V DC Lithium battery (included)
**Current Draw** | 24μA (standby) / 75mA (max) | 24μA (standby) / 75mA (max)
**Alarm Output** | N.C./N.O. Selectable-Sold State Switch | N.C./N.O. Selectable-Sold State Switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Trouble Output** | N.C./N.O. Selectable-Sold State Switch | N.C./N.O. Selectable-Sold State Switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Operating Temp.** | -4°F to 140°F (-20 to 60°C) | -4°F to 140°F (-20 to 60°C)
**Mounting Height** | 2.7ft to 4ft (0.8m - 1.2m) | 2.7ft to 4ft (0.8m - 1.2m)

**BX-80NRi** All Environment Immediate Perimeter Dual PIR

- Unique 3 x 40ft pattern in each direction from sensor
- Battery saving circuit
- Low current draw
- Limit detection range function
- Size judging function to avoid false alarms
- Variable detection range to 80ft (40ft each side)
- IP55

**Model** | **BX-80NRi**
---|---
**Coverage** | 36 x 80ft (40ft on each side) | 200 x 400ft (40ft on each side)
**Power Input** | 3-9V DC Lithium battery (included) | 3-9V DC Lithium battery (included)
**Current Draw** | 24μA (standby) / 75mA (max) | 24μA (standby) / 75mA (max)
**Alarm Output** | Form C Solid state switch | Form C Solid state switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Tamper Switch** | Form C activates when cover is removed | Form C activates when cover is removed
**Operating Temp.** | -4°F to 140°F (-20 to 60°C) | -4°F to 140°F (-20 to 60°C)
**Mounting Height** | 2.7ft to 4ft (0.8m - 1.2m) | 2.7ft to 4ft (0.8m - 1.2m)

**BXS-RAMi** All Environment Boundary Quad PIR

- 80ft total detection coverage, 40ft on each side
- Quad PIR technology, versatile design
- Anti-masking, with size judging function
- Monitors both sides independently or simultaneously
- Extreme high detection mode
- Automatic walk test mode
- IP55

**Model** | **BXS-RAMi**
---|---
**Coverage** | 80ft total, 40ft on each side | 200 x 400ft (40ft on each side)
**Power Input** | QTY 2 x 3V DC Lithium or Alkaline batteries | QTY 2 x 3V DC Lithium or Alkaline batteries
**Current Draw** | 25μA standby/75mA max at 3V DC | 25μA standby/75mA max at 3V DC
**Alarm Output** | Solid-state switch | Solid-state switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Tamper Switch** | | Individual right/off or general, N.O. or N.C. selectable
**Trouble Output** | | N.C./N.O. Selectable-Sold State Switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Operating Temp.** | -22°F to 140°F (-30°C to 60°C) | -22°F to 140°F (-30°C to 60°C)
**Mounting Height** | 2.7ft to 4ft (0.8m - 1.2m) | 2.7ft to 4ft (0.8m - 1.2m)

**VXS-RAMi / VXS-RDAMi** All Environment Wide Angle PIR & Dual Tech

- RAMi: PIR with anti-masking
- RDAMi: Dual tech microwave & PIR with anti-masking
- 40ft 90° detection
- Easy set up with rotation lock
- Super multi dimension analysis logic
- IP55

**Model** | **VXS-RAMi** | **VXS-RDAMi**
---|---|---
**Coverage** | 40 ft (12.0 m) wide / 16 zones 6 Zones: 40 ft (12 - 2.5 m) | 6 Zones: 40 ft (12 - 2.5 m)
**Power Input** | 3-9V DC Lithium battery (included) | 3-9V DC Lithium battery (included)
**Current Draw** | 18μA standby/75mA max | 18μA standby/75mA max
**Alarm Output** | N.C./N.O. Selectable-Sold State Switch | N.C./N.O. Selectable-Sold State Switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Trouble Output** | N.C./N.O. Selectable-Sold State Switch | N.C./N.O. Selectable-Sold State Switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Operating Temp.** | -4°F to 140°F (-20 to 60°C) | -4°F to 140°F (-20 to 60°C)
**Mounting Height** | 2.7ft to 4ft (0.8m - 1.2m) | 2.7ft to 4ft (0.8m - 1.2m)

**VXI-RAMi / VXI-RDMi** All Environment Spot Detection PIR & Dual Tech

- RAMi: PIR with anti-masking
- RDAMi: Dual tech microwave & PIR with anti-masking
- 40 x 40ft, 5 levels of distance adjustment
- Pre-configured masking shields included
- Super multi dimension analysis logic
- IP55

**Model** | **VXI-RAMi** | **VXI-RDMi**
---|---|---
**Coverage** | 40 ft (12.0 m) wide / 16 zones 6 Levels: 40 ft (12 - 2.5 m) | 6 Levels: 40 ft (12 - 2.5 m)
**Power Input** | 3-9V DC Lithium battery (included) | 3-9V DC Lithium battery (included)
**Current Draw** | 18μA standby/75mA max | 18μA standby/75mA max
**Alarm Output** | N.C./N.O. Selectable-Sold State Switch | N.C./N.O. Selectable-Sold State Switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Trouble Output** | N.C./N.O. Selectable-Sold State Switch | N.C./N.O. Selectable-Sold State Switch
| | 10 V DC 0.01 A max | 10 V DC 0.01 A max
**Operating Temp.** | -4°F to 140°F (-20 to 60°C) | -4°F to 140°F (-20 to 60°C)
**Mounting Height** | 2.7ft to 4ft (0.8m - 1.2m) | 2.7ft to 4ft (0.8m - 1.2m)
WXI-RAMI ALL ENVIRONMENT 180° PANORAMIC WIDE ANGLE PIR

- 180° wide angle detection
- Adjustable 8 to 40ft detection range
- Individual left / right alarm output, sensitivity setting
- Super multi dimension analysis logic
- Size analysis function
- Self learning IR digital anti-masking
- IP55

Model

- **WXI-RAMI**
  - Coverage: 8ft to 40ft adjustable
  - Power Input: 3 to 3.6V DC thermion batteries
  - Current Draw: 25mA standby 74 max, at 3V DC, except walk test
  - Alarm Output: Solid-state switch, 10V DC 0.01A max, Individual, right/MT or general N.O. or N.C. selectable
  - Tamper Output: Shared with trouble output
  - Operating Temp.: -22°F to 140°F (-30°C to 60°C), except batteries
  - Mounting Height: 2” to 4” (0.8 to 1.2m)

HX-40RAMi / HX-80NRAMi ALL ENVIRONMENT HIGH MOUNT DUAL PIR

- 40RAMi: 40 x 50ft detection range with anti-masking
- 80NRAMi: 80 x 6ft detection range with anti-masking
- Mounting height 7 to 10ft
- Intelligent ‘AND’ logic
- Double conductive shielding
- Advanced temperature compensation logic
- Summer night compensation & vegetation sway analysis
- IP55

Model

- **HX-40RAMi, HX-80NRAMi**
  - Coverage: 40ft x 50ft, 85° wide (12m x 15m)
  - 80NRAMi: 80 ft x 8.75 ft narrow (24m x 2.5m)
  - Power Input: 3-9V DC lithium battery (included)
  - Current Draw: 39uA (Standby)/ 74mA (Walktest, LED on)
  - Alarm Output: Form C Solid state switch: 10V DC 0.01A max.
  - Tamper Output: Form C, 28V DC, 0.1A max.
  - Operating Temp.: -4°F to 140°F (-20°C to 60°C)
  - Mounting Height: 7.5ft to 10ft (2.3m - 3.0m)

REDWALL® SIP-3020WFi / SIP-4010WFi / SIP-404WFi ALL ENVIRONMENT MID TO LONG RANGE PIR FOR CCTV ACTIVATION

- Low power consumption, low current draw
- Independent N.C. & N.O. alarm output
- Independent sensitivity selector for near / far
- Suitable for remote / local video monitoring applications
- Anti-rotation / anti-masking function
- Advanced detection algorithm, detection range selector
- IP55 chassis, IP65 main unit

Model

- **SIP-3020WFi**
  - Coverage: 120 x 60ft (30m x 18m)
  - Power Input: 3.6V, 13.5Ah LiPOH lithium battery (included)
  - Current Draw: 48uA (Standby), 73mA (Walktest, LED on)
  - Alarm Output: N.C. 10V DC, 0.01A max.
  - Tamper Output: N.C. 10V DC, 0.01A max.
  - Sensitivity Selector: Fan, Hi/Med, Near, Shi/Med
  - Operating Temp.: +13 to 140°F (+5°C to 60°C)
  - Mounting Height: 7.8ft to 10ft (2.4m - 3.0m)
  - Recommended Accessories: AHF-3: Wall tester for accurate installation
- **SIP-4010WFi**
  - Coverage: 120 x 13ft (30m x 4m)
  - Power Input: 3.6V, 13.5Ah LiPOH lithium battery (included)
  - Current Draw: 48uA (Standby), 73mA (Walktest, LED on)
  - Alarm Output: N.C. 10V DC, 0.01A max.
  - Tamper Output: N.C. 10V DC, 0.01A max.
  - Sensitivity Selector: Fan, Hi/Med, Near, Shi/Med
  - Operating Temp.: +13 to 140°F (+5°C to 60°C)
  - Mounting Height: 7.8ft to 10ft (2.4m - 3.0m)
  - Recommended Accessories: AHF-3: Wall tester for accurate installation
- **SIP-404WFi**
  - Coverage: 120 x 4ft (30m x 1.2m)
  - Power Input: 3.6V, 13.5Ah LiPOH lithium battery (included)
  - Current Draw: 48uA (Standby), 73mA (Walktest, LED on)
  - Alarm Output: N.C. 10V DC, 0.01A max.
  - Tamper Output: N.C. 10V DC, 0.01A max.
  - Sensitivity Selector: Fan, Hi/Med, Near, Shi/Med
  - Operating Temp.: +13 to 140°F (+5°C to 60°C)
  - Mounting Height: 7.8ft to 10ft (2.4m - 3.0m)
  - Recommended Accessories: AHF-3: Wall tester for accurate installation

SL-100TNRi / SL-200TNRi DUAL BEAM ACTIVE INFRARED PHOTOELECTRIC DETECTOR

- 100TNRi: 100ft detection range, 5 year battery life
- 200TNRi: 200ft detection range, 5 year battery life
- Dual beam detection
- IR communication for low battery signal
- IP65

Model

- **SL-100TNRi**
  - Coverage: 100ft (30m)
  - Power Source: 3.6V LiPOH, 100ft (30m)
  - Battery Life: 5 Years
  - Current Draw: 600mA Transmit, 200mA Receive
  - Alarm Output: Form C-Solid State Switch: 3.6VDC, 0.01A
  - Operating Temp.: -4 to 140°F (-20 to 60°C)
  - Mounting Options: Vertical, Horizontal, Mounting Plate
  - Recommended Accessories: AHF-3: Wall tester for accurate installation
- **SL-200TNRi**
  - Coverage: 200ft (60m)
  - Power Source: 3.6V LiPOH, 200ft (60m)
  - Battery Life: 5 Years
  - Current Draw: 600mA Transmit, 200mA Receive
  - Alarm Output: Form C-Solid State Switch: 3.6VDC, 0.01A
  - Operating Temp.: -4 to 140°F (-20 to 60°C)
  - Mounting Options: Vertical, Horizontal, Mounting Plate
  - Recommended Accessories: AHF-3: Wall tester for accurate installation

AX-100TFRi / AX-200TFRi DUAL BEAM ACTIVE INFRARED PHOTOELECTRIC DETECTOR (ADVANCED)

- 100TFRi: 100ft detection range
- 200TFRi: 200ft detection range
- Dual beam detection, 4ch selectable beam frequency
- D cell lithium batteries included, 3-5 year battery life
- A.G.C. (automatic gain control)
- IP55

Model

- **AX-100TFRi**
  - Coverage: 100ft, 200ft
  - Power Source: 3.6V, 13.5Ah LiPOH lithium battery included
  - Battery Life: 5 Years
  - Current Draw: 1050mA Transmit, 300mA Receive
  - Alarm Output: Form C-Solid State Switch: 3.6VDC, 0.01A
  - Operating Temp.: -4 to 140°F (-20 to 60°C)
  - Mounting Options: Vertical, Horizontal
  - Recommended Accessories: AHF-3: Wall tester for accurate installation
- **AX-200TFRi**
  - Coverage: 200ft, 400ft
  - Power Source: 3.6V, 13.5Ah LiPOH lithium battery included
  - Battery Life: 3 Years
  - Current Draw: 1050mA Transmit, 300mA Receive
  - Alarm Output: Form C-Solid State Switch: 3.6VDC, 0.01A
  - Operating Temp.: -4 to 140°F (-20 to 60°C)
  - Mounting Options: Vertical, Horizontal
  - Recommended Accessories: AHF-3: Wall tester for accurate installation

SL-350QFRi QUAD BEAM ACTIVE INFRARED PHOTOELECTRIC DETECTOR (PROFESSIONAL)

- 350ft detection range, quad beam detection
- 4ch selectable beam frequency
- D cell lithium batteries included, 4-8 year battery life
- Sniper viewfinder for easy alignment
- D.Q. circuit
- IP65

Model

- **SL-350QFRi**
  - Coverage: 350ft (105m)
  - Power Source: 3.6V, 13.5Ah LiPOH lithium battery included
  - Battery Life: 4 Years
  - Current Draw: 1400mA Transmit, 400mA Receive
  - Alarm Output: Form C-Solid State Switch: 3.6VDC, 0.01A
  - Operating Temp.: -4 to 140°F (-20 to 60°C)
  - Mounting Options: Vertical, Horizontal
  - Recommended Accessories: AHF-3: Wall tester for accurate installation

powered by INOVONICS®
Battery-Powered, Wireless Protection
iSERIES DETECTION FEATURES

Double-Layered Detection Patterns
Outdoor iSeries PIR detectors utilize Multiple Detection Pattern technology, where two double-layered detection patterns (upper and lower) have to be activated to generate an alarm condition. This reduces false alarms, particularly those caused by temperature changes, light reflection, and small animals.

Size Judging Function
The size judging function virtually eliminates false alarms caused by small animals and other moving objects, such as vehicles.

Intelligent ‘AND’ Logic
By utilizing originally developed pyro-elements, it creates a configuration area consisting of 94 high density detection zones. The AND detection pattern technology also requires both detection areas to be simultaneously activated in order to generate an alarm condition, making it more resistant to false alarms caused by small nuisance animals or pets.

Vegetation Sway Analysis Logic
For the HX high mount series, wave changes are monitored at all times and will automatically cancel signals caused by swaying grass when it determines the pattern of these distinctive wave changes.
**SMDA Logic** *(Super Multi-Dimensional Analysis)*

The SMDA is a digitally enhanced signal recognition logic that improves immunity against various noise factors, such as climate changes and vegetation sways, to drastically reduce false alarm rates.

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**Double Conductive Shielding**

By using our double conductive shielding, false alarm causing visible light disturbance (car headlights, sunlight) and RFI can be blocked.

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**D.Q. Output** *(Environmental Disqualification)*

The D.Q. output will send a trouble signal when the beam strength is below acceptable levels (due to harsh weather conditions), for more than 20-40 seconds.

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**Adjustable Beam Interruption Time**

By using the beam interruption time potentiometer, it is possible to increase the time the beam must be broken in order to generate an alarm. This will reduce the chance of false alarms being caused by falling leaves, blowing debris, or animal movements within the protected area.
CASE STUDY

When a church in Georgia began feeling the effects of copper theft, the integrator consulted with the property’s interior security and decided to once again turn to OPTEX for help. The church utilized both rooftop and ground level HVAC systems, with easy access to each. Because of labor and cost associated with wiring, along with the difficulty bringing power to the rooftops, the regional sales manager for OPTEX recommended the iSeries line of battery-powered, wireless PIRs.

The iSeries detectors offered spot and curtain protection for all HVAC units while also securing all access points to each. For future consideration, the addition of the wireless feature also allows the integrator to relocate and easily adjust the detectors based on changing security needs.

With this system in place, copper and other related thefts have been eliminated and the end user can now respond quickly before any damage is done.
From residential to critical infrastructure, OPTEX has the right solution for any application & environment.

With indoor and outdoor detection options for every threat level, OPTEX provides you with flexibility and choice based on your perimeter security needs. Since its founding over 30 years ago, OPTEX has established a worldwide reputation for quality, innovation, and technical excellence. Our products will always represent an investment in performance, and long term satisfaction.

CONTACT US

NOTES

COMMON iSERIES ACCESSORIES

UNIVERSAL WIRELESS RECEIVERS
EN4232MR
EN4216MR
EN4204R

PANEL SPECIFIC WIRELESS RECEIVERS
Honeywell EN7290
Bosch ENKIT
Interlogix EN7286NX

EN5040T REPEATER
High power repeater with transformer, intelligently amplifies transmission from any EchoStream series transmitter in an iSeries detector

ACC650 ENCLOSURE
General purpose, all-weather plastic enclosure used as an outdoor housing for Inovonics wireless repeaters
<table>
<thead>
<tr>
<th>Detection Method</th>
<th>PIR</th>
<th>PIR 89°</th>
<th>PIR 110°</th>
<th>PIR 360°</th>
<th>PIR 360° Wide</th>
<th>PIR 360° Wide Long</th>
<th>PIR 360° Wide Long 2 Zone</th>
<th>PIR 360° Wide Long 2 Zone 100°</th>
<th>PIR 360° Wide Long 150°</th>
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<td>PIR</td>
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<td>PIR 110°</td>
<td>PIR 360°</td>
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<td>PIR 360° Wide Long</td>
<td>PIR 360° Wide Long 2 Zone</td>
<td>PIR 360° Wide Long 2 Zone 100°</td>
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<td>Tamper Output</td>
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<td>Environmental Humidity</td>
<td>95% max.</td>
<td>95% max.</td>
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<tr>
<td>Model</td>
<td>Dimensions (W x H x D) (in)</td>
<td>Environment Humidity</td>
<td>Temperature Humidity</td>
<td>Temperature Range</td>
<td>Power Consumption</td>
<td>Power Supply</td>
<td>Input Voltage</td>
<td>Current Draw (Peak)</td>
<td>Battery Life (min)</td>
<td></td>
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<tr>
<td>HX-8ONAMI</td>
<td>8.0&quot; x 3.9 x 1.05&quot;</td>
<td>50-95% max</td>
<td>4-100°F</td>
<td>-10-140°F</td>
<td>1555 mAh</td>
<td>3.7V</td>
<td>2A</td>
<td>1.5A</td>
<td>2.5 hours</td>
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<tr>
<td>HX-40AMI</td>
<td>6.8&quot; x 2.5 x 1.4&quot;</td>
<td>50-95% max</td>
<td>4-100°F</td>
<td>-10-140°F</td>
<td>750 mAh</td>
<td>3.7V</td>
<td>1A</td>
<td>1.5A</td>
<td>1.5 hours</td>
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<tr>
<td>SL-300RF</td>
<td>9.6&quot; x 3.7 x 1.1&quot;</td>
<td>50-95% max</td>
<td>4-100°F</td>
<td>-10-140°F</td>
<td>1555 mAh</td>
<td>3.7V</td>
<td>2A</td>
<td>1.5A</td>
<td>2.5 hours</td>
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<td>AX-200RF</td>
<td>8.5&quot; x 3.5 x 2.4&quot;</td>
<td>50-95% max</td>
<td>4-100°F</td>
<td>-10-140°F</td>
<td>1555 mAh</td>
<td>3.7V</td>
<td>2A</td>
<td>1.5A</td>
<td>2.5 hours</td>
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<tr>
<td>AX-100RF</td>
<td>11.6&quot; x 2.7 x 4.6&quot;</td>
<td>50-95% max</td>
<td>4-100°F</td>
<td>-10-140°F</td>
<td>1555 mAh</td>
<td>3.7V</td>
<td>2A</td>
<td>1A</td>
<td>2.5 hours</td>
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<td>4-100°F</td>
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<td>1555 mAh</td>
<td>3.7V</td>
<td>2A</td>
<td>1A</td>
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<td>AX-200TR</td>
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<td>50-95% max</td>
<td>4-100°F</td>
<td>-10-140°F</td>
<td>1555 mAh</td>
<td>3.7V</td>
<td>2A</td>
<td>1.5A</td>
<td>2.5 hours</td>
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<tr>
<td>AX-100TR</td>
<td>11.6&quot; x 2.7 x 4.6&quot;</td>
<td>50-95% max</td>
<td>4-100°F</td>
<td>-10-140°F</td>
<td>1555 mAh</td>
<td>3.7V</td>
<td>2A</td>
<td>1A</td>
<td>2.5 hours</td>
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</tbody>
</table>

**Features**

- High precision
- Automatic pause
- Automatic stop
- LED display
- Battery level indicator
- IP65-rated

**Accessories**

- replacement batteries
- mounting brackets
- mounting hardware
- user manual

**Contact Information**

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