Honeywell

Bluetooth Ring Scanner

User's Guide

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Limited Warranty

Refer to www.honeywellaidc.com/warranty_information for your product’s warranty information.

Table of Contents

Chapter 1: Introduction

This guide contains installation instructions for the Honeywell Bluetooth® Ring Scanner and its tethered ring scanner and ring imager.

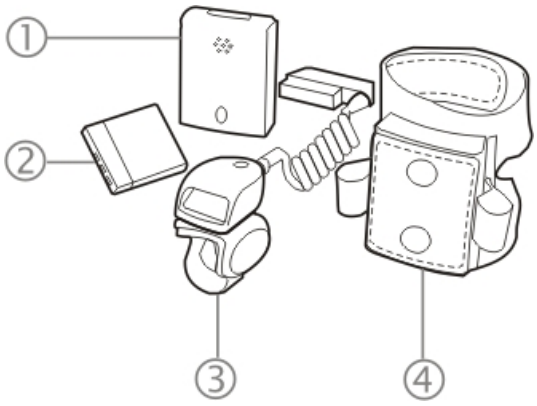
Bar code decoding laser engines and bar code decoding imager engines are designed to read, decode and collect bar coded data from any nearby compatible bar code label that is visible and on printed media.

The Bluetooth Ring Scanner consists of a ring decoder tethered to a sturdy, compact, mobile Bluetooth module and battery. The module's lightweight battery provides power to the ring decoder. The hand strap assembly is designed to be worn on the back of either hand or on either wrist. The hook and loop fabric on the hand strap enables one-handed installation, adjustment and removal of the hand strap.

About this Guide

This Bluetooth Ring Scanner User's Guide provides instruction for the end-user or system administrator to follow when setting up a new Bluetooth Ring Scanner.

Bluetooth Ring Scanner Module



1. Module
2. Battery
3. Ring Scanner
4. Hand Strap Assembly

The Bluetooth Ring Scanner consists of a ring device tethered to a sturdy, compact, mobile Bluetooth module and battery.

The module's lightweight battery is the power source for the module and the ring device.

The hand strap assembly is designed to be worn on the back of either hand or at the wrist. The hook and loop fabric on the hand strap enables one-handed installation, adjustment and hand strap removal.

Compatible Devices

The assembled Bluetooth Ring Scanner provides wireless communication with Bluetooth enabled Honeywell computers.

When the Bluetooth Ring Scanner Module pairs with another Bluetooth device, the Bluetooth Ring Scanner Module can send serial data to the paired Bluetooth device.

Note: Bluetooth Ring Scanner Module paired data is stored in non-volatile memory in the module and data is saved over power cycles. Paired devices automatically reconnect when power is applied.

The Bluetooth tethered ring scanner and tethered ring imager connectors are not interchangeable with other Honeywell mobile devices that also use tethered ring scanners/ring imagers (i.e., HX2 / HX3).

Laser Warnings and Labels

- Do not look into the ring scanner and ring imager aperture.
- Do not stare directly into the ring scanner and ring imager laser beam.
- Do not remove the laser caution labels from the ring scanner and ring imager.
- Do not connect the ring decoder aperture to any other device.

⚠	Caution: Laser radiation when open. Please read the caution label. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Class 2 laser scanners use a low power, visible light diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.

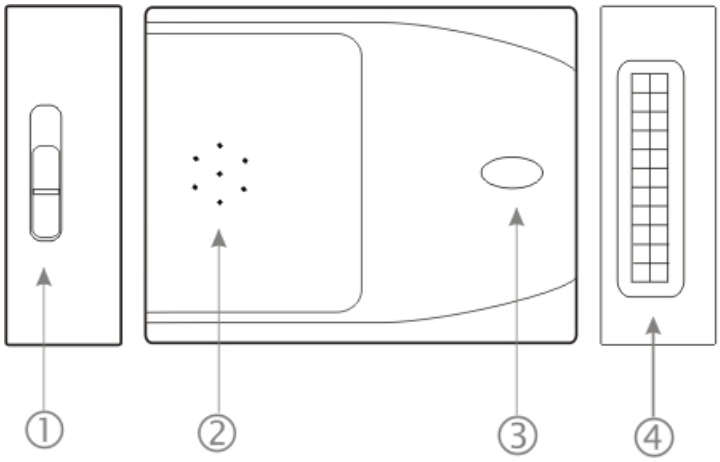
Ring Scanner and Ring Imager Caution Label – Class 2 Laser Scanner

The laser light label is located on the side of the ring scanner and ring imager.

Components

Bluetooth Module

Note: The Bluetooth Module ring scanner and ring imager connectors are not interchangeable with the ring scanner and ring imager connectors designed for the HX2 or the HX3 mobile device.



1. Battery Compartment Latch
2. Speaker
3. LED
4. I/O Port: Ring Device Cable Connection

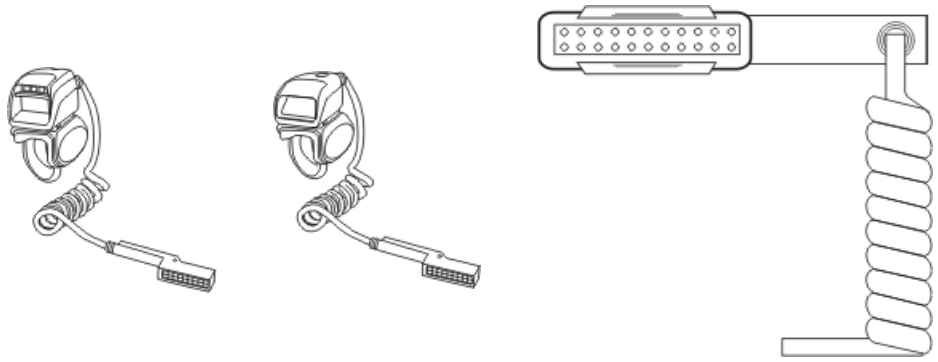
Ring Imager / Ring Scanner

The ring imager can scan and decode 1D and 2D bar codes. The ring scanner can scan and decode 1D bar codes.

After pairing with a Honeywell mobile device, the ring device can then send the collected bar code data to the specific Bluetooth enabled Honeywell mobile device for processing.

The Bluetooth Ring Scanner module emits good read or bad read sounds based on the ring scan results. See section titled Status LED and Beep Indicators for an explanation of the LED and beep patterns emitted.

Note: These ring decoding devices do not have the ability to emit a good read or bad read sound.



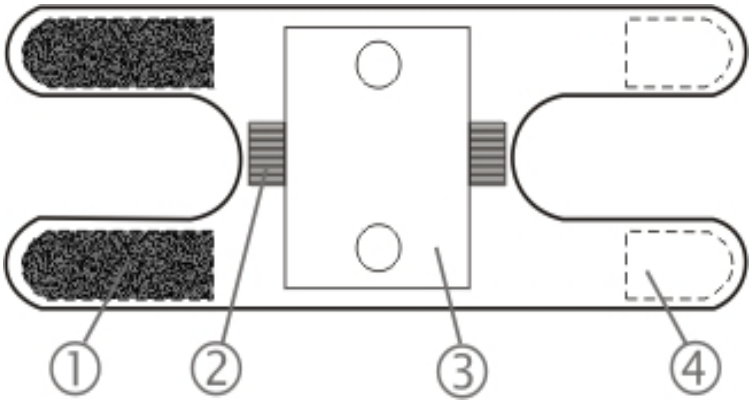
A B C

A. Ring Imager
B. Ring Scanner
C. Cable Connector

Note: Do not touch, push against or brace your finger on the scan aperture at any time.

When new, there is a clear, tabbed protective film covering the ring decoder scan window. Remove and discard the clear, tabbed protective film before scanning a bar code.

Wrist Strap / Back of Hand Strap



1. Loops
2. Elastic ring cable protector
3. Bluetooth module sleeve
4. Hooks

Press loops (on top of wrist strap) against hooks (on bottom of wrist strap) to secure wrist strap.

Battery

Note: Connect the Ring decoder to the Bluetooth Module before inserting a battery into the module. The Bluetooth Module performs initialization with the ring device on bootup.

The spring-loaded rechargeable lithium-Ion battery pack in the Bluetooth ring scanner module can be replaced using one hand. No special tools are needed. A single bay spare battery charger and an eight bay battery charger are available.

The Bluetooth ring scanner module does not have a power or on-off switch. When the battery is installed, the unit and its accessories are On. Remove the battery to power down the unit.

The batteries are recharged using the Bluetooth Ring Scanner Battery Charger.

Chapter 2: Set Up A New Bluetooth Ring Scanner

This page lists a quick outline of the steps you might take when setting up a new Bluetooth Ring Scanner. More instruction for each step is listed later in this guide. Please refer to the *Bluetooth Ring Scanner Reference Guide* for additional information and instruction.

Contact Technical Assistance if you need additional help.

Note: Accessory installation or removal should be performed on a clean, well-lit surface. When necessary, protect the work surface, the Bluetooth Ring Scanner, and components from electrostatic discharge.

The battery and ring device cables should not be exchanged or replaced in a dirty, harsh or hazardous environment. When the ring tethers are disconnected, any dust or moisture that adheres to the tether connector can potentially cause damage upon cable re-connection with the Bluetooth Module.

Hardware Setup

1. Determine which hand or wrist will contain the assembly.
2. Insert the Bluetooth Ring Scanner Module in the leather sleeve.
3. Thread ring cable connector through elastic loop on the appropriate side.
4. Connect the ring cable connector to the Bluetooth Ring Scanner Module.
5. Secure the module strap to the hand or wrist.
6. Connect the ring cable connector to the Module in the sleeve.
7. Insert a fully charged battery in the Bluetooth Ring Scanner Module.

Software Setup

Set up the Module using an attached ring device to scan bar codes in the *Bluetooth Ring Scanner Programming Guide,* section titled *Bluetooth Module Programming Bar Codes*:

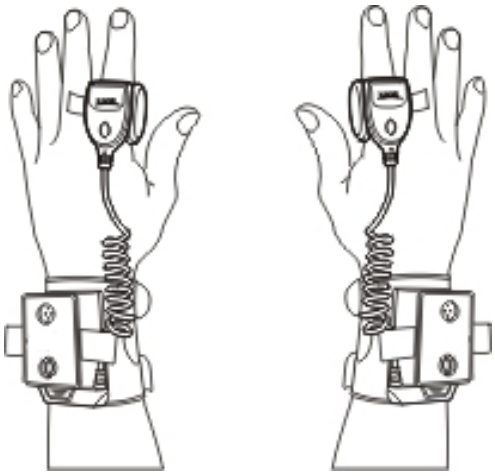
- Enable / disable suspend timeout length
- Set the Beeper volume (Bluetooth module only)
- Assign a Friendly Name

Refer to the *Bluetooth Ring Scanner Programming Guide* for further information and instruction.

The Bluetooth Ring Scanner Module is ready to connect wirelessly to a Bluetooth enabled host computer.

Bluetooth Module Assembly

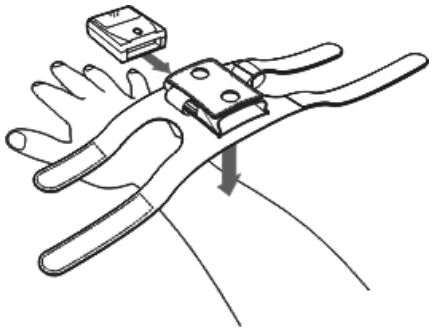
Determine Left or Right Orientation



Determining whether to wear the module assembly on the left or right has a bearing on how the ring cable is attached to the module. The ring cable should not cross over or under the hand.

Insert Module in Sleeve

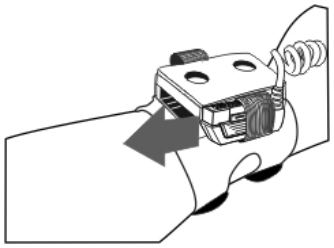
There are two strap sizes to accomodate different sizes of wrists and hands.



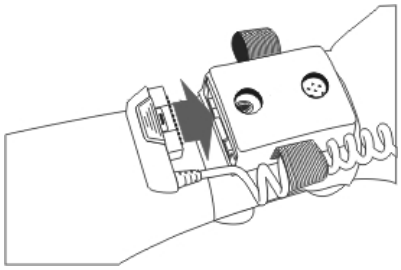
Insert the module in the hand strap before securing the hand strap to the hand, if desired. The module is inserted with the LED facing upwards.

Connecting the Ring Device Cable

Note: Do not use a metal object, or extreme force, to remove the cable connector from the module.



1. Slip the ring cable connector through the elastic ring cable guide on the side of the Bluetooth module sleeve. The connector can be inserted from the left or the right. The ring cable guides are designed to minimize excessive pulling or tugging on the scanner cable after the ring device is connected to the Bluetooth module.



2. Press the connector firmly into the I/O port until the Bluetooth module LED illuminates and the module beeps, signifying a ring cable I/O secure connection.

To remove the ring device cable, pinch and pull the cable connector straight up and away from the Bluetooth module.

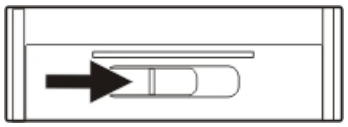
Note: Do not pull the cable when removing the ring device cable.

Inserting the Battery

The battery is spring loaded and will slide out when the battery cover latch is opened. The battery slides out of the battery bay far enough to be grasped, removed and then replaced with a fully powered battery.

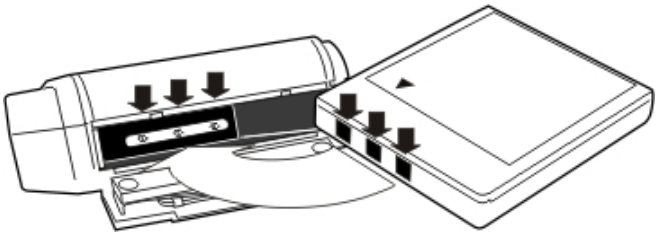
Note: A ring should be connected to the module before a battery is inserted in the module.

1. To open the module, orient the module so the Bluetooth LED on the module is facing upward.
2. Slide the battery bay latch to the right. The battery bay cover springs open.



Note: As soon as the battery contacts lose connection with the battery terminals in the battery bay, the Bluetooth module turns Off.

3. Insert a fully charged battery into the battery bay, making sure the battery terminals enter the battery bay at the right side of the battery opening. Use the direction of the arrow on the battery label as a guide.



4. Press down on the battery until it is seated in the battery bay and close the battery bay hatch cover. Slide the battery latch to the left to secure the battery in the Bluetooth Module.
5. The Bluetooth module beeps (short low tone beep, long low tone beep, long high tone beep) and the LED flashes.

Note: Do not use a metal object, or extreme force, to remove a battery from the module.

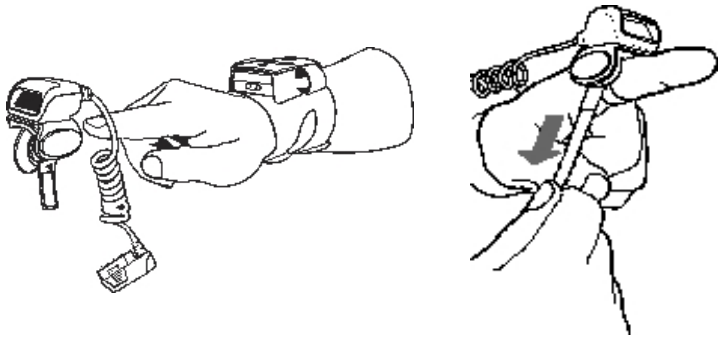
Module Battery Help

If a ring scanner is tethered to the Bluetooth module while a battery is being replaced and there is no beep or LED flash, remove the battery, turn it over and reinsert, making sure the battery terminals enter the battery bay to the right. Slide the battery bay latch to the left to secure the battery in the Bluetooth Module. If there is sufficient power in the battery, the Bluetooth module emits a series of beeps (short low tone beep, long low tone beep, long high tone beep) and the LED flashes.

Adjusting the Ring Device Strap

The ring device finger loop is located under the ring device.

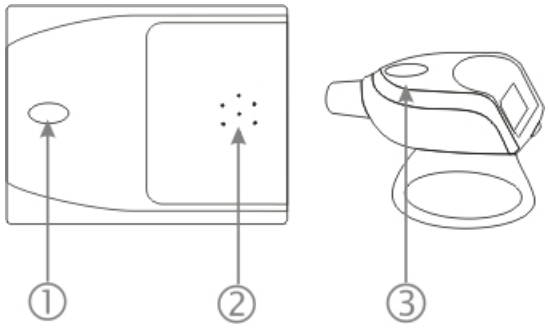
1. Pull gently on the end of the finger loop strap to separate the hook and loop fabric.
2. Slide your finger into the opened loop under the ring device.



3. Grasp the end of the finger loop strap and gently pull to loosen, then tighten, the finger strap until the ring device is comfortably snug and the scan aperture is in the desired location.
4. Secure the ring strap at the desired location by pressing the hook fabric to the loop fabric on the strap surrounding the finger.

The ring device has a built-in quick disconnect designed for safety hazards. The quick disconnect is not intended for daily removal of the ring device.

Status LED and Beep Indicators



1. Module LED
2. Module Beeper
3. Ring Scanner LED

The ring devices do not have the ability to emit a good decode read sound (after a bar code scan) or bad decode read sound. The Bluetooth Ring Scanner module emits the good read or bad read sounds. The module and the ring devices have an LED.

Note: Scanning bad bar codes generates a bad scan beep and/or an LED light sequence. In some cases, the receipt of data from the ring device triggers a good scan beep from the Bluetooth module, and then the rejection of scanned bar code data by the paired mobile device processing causes a bad scan beep from the paired mobile device on the same data.

Please see the mobile device specific guide for an explanation of the LED and beep indicators for the paired device. For example, if you have paired the Bluetooth Ring Scanner with the Honeywell MX8 so the MX8 can manipulate the scanned bar code data received from the Bluetooth Ring Scanner module, refer to the *MX8 User's Guide* for MX8 LED and beep explanations.

Note: Bluetooth device connection (or pairing) can occur at distances up to 32.8 ft (10 meters) line of sight. Distances greater than the line of sight limit will break the connection. Arriving at the limit may cause unexpected beep and/or LED indications. When the connection is broken, the Bluetooth Ring Scanner Module attempts to reconnect with a previously paired device for 30 seconds. Move the Bluetooth Ring Scanner Module closer to the target and a disconnected paired device beeps on reconnect.

Bluetooth Module Status LED and Beep Indicators

The Bluetooth Module blue LED and buzzer indicate status as follows:

Blue LED	System Condition	Indication
Fast blink, 0.25 sec. duration every 1.0 sec.	Radio Failure	Short high tone beep Short high tone beep Short low tone beep Short low tone beep
Fast blink, 0.25 sec. duration every 1.0 sec.	Pairing Failed	Short low tone beep Short high tone beep Short high tone beep Short low tone beep
Slow blink, 0.25 sec. duration every 4.0 sec.	Successful Connection	Short low tone beep Short high tone beep (When "Beep on Connect" is enabled. See *Module Programming Bar Codes* in the *Bluetooth Ring Scanner Programming Guide*)
Fast blink, 0.25 sec. duration every 1.0 sec.	Lost Connection	Short high tone beep Short low tone beep (When "Beep on Connect" is enabled. See *Module Programming Bar Codes* in the *Bluetooth Ring Scanner Programming Guide*)
Slow blink, 0.25 sec. duration every 4.0 sec.	Connected	None
Fast blink, 0.25 seconds every 1.0 second	Not Connected	None
Off	Suspend or Off (not tethered or no battery power available in Bluetooth Module)	None
Blue	Bluetooth Module firmware is updating	None
Off	Bluetooth Module firmware update is completed	Module restarts and power-up beep occurs
Fast Blink, 0.25 sec duration every 0.5 sec.	Communication Error	None
None	Beep on <BEL> error	Three Short low tone beeps
None	Power Up	Short low tone beep Long low tone beep Long high tone beep

Bluetooth Ring Device LED

The ring decoding devices do not have the ability to emit a good read or bad read sound.

The ring device LED indicates status as follows:

LED	System Condition	Bluetooth Module Beep Sequence
Green	User Good Scan	Short high beep
Green	Configuration Good Scan Configuration process successful.	Three Short high beeps
Red	Scan in progress	None
Red	Configuration Bad Scan Configuration process failed.	Three Short low beeps
Slow blink Amber, once every .25 sec.	Low Battery in the Bluetooth Module	Four Short high beeps
Off	Suspend or Off (not tethered or no battery power available in Bluetooth Module)	None

Bluetooth Module Reboot Sequences

Suspend

To improve battery life, the Suspend timeout can be adjusted by scanning the bar codes in the *Bluetooth Ring Scanner Programming Guide*, section titled section titled *Set Suspend Timeout*.

Suspend begins if the Suspend timeout occurs before the ring device trigger is pressed.

A trigger pull is required to wake the module from Suspend. The module is ready to receive bar code data.

Note: After the ring device trigger press (to wake the module from Suspend) another trigger press is needed to scan a bar code.

If the module is in master mode and the Reconnect Timeout period expires, a ring device trigger press resets the Reconnect Interval timer and the Reconnect Timeout timer.

Reboot

Follow the steps below to reboot and restore the previously stored configuration parameters:

1. Remove the battery.
2. Replace the battery. Do not press the ring device trigger.

Reset

Follow the steps below to restore the factory default configuration:

1. Remove the battery.
2. Replace the battery while pressing the ring device trigger for 30 or more seconds.

Battery Condition

The 3.7V, 750mAhH Li-Ion battery in the Bluetooth module is designed to power the Bluetooth module for 8 hours and remain in standby for approximately 24 hours.

Battery Low Condition

When a battery low condition exists, the battery should be replaced with a fully charged battery as soon as possible.

The ring device LED is amber when there is a battery low condition. The LED blinks amber for .25 seconds every 5 seconds until a Battery Dead condition occurs or the battery is replaced with a fully charged battery.

The Bluetooth module beeper indicates a battery low condition by emitting 4 short high beeps until the battery is replaced or a Battery Dead condition occurs.

Battery Dead Condition

The Bluetooth module is Off.

The Bluetooth module reboots after a fully charged battery is inserted.

Bluetooth MAC ID Bar Code Label

Note: The sample bar code below is not real and should not be created or scanned.

The Bluetooth MAC ID bar code label is scanned when pairing with another Bluetooth capable device.

Locate the bar code label, similar to the one shown above, attached to the Bluetooth capable mobile device. It is on the end of the module.

The label is the Bluetooth MAC address identifier for the Bluetooth capable mobile device. It must be scanned before pairing can occur.

Bluetooth MAC ID Bar Code Label Help

The MAC ID bar codes on some Bluetooth capable mobile devices are quite small.

If you are unsuccessful using the ring device to connect when scanning a MAC ID bar code on a mobile device, change the ring's default Smart Focus Mode to Near Focus by scanning the *Set Near Focus* bar code on one side of the Bluetooth Module.

Ensure focus mode is changed back to the default value of *Smart Focus* after the mobile device MAC ID bar code scan is successful by scanning the *Set Far Focus* bar code on the other side of the Bluetooth Module.

Important: The Bluetooth module MAC ID label should be protected from damage (rips, tears, spills, soiling, erasure, etc.).

Cleaning the Beam Aperture

Note: These instructions are for components made of glass. If there is a removable protective film sheet on the beam aperture, remove the film sheet before cleaning.

Keep fingers and rough, sharp or abrasive objects away from the beam aperture.

If the aperture becomes soiled or smudged, clean only with a standard household cleaner such as Windex® without vinegar or use Isopropyl Alcohol.

Do not use paper towels or harsh-chemical-based cleaning fluids since they may result in damage to the aperture surface. Use a clean, damp, lint-free cloth. Do not scrub optical surfaces.

If possible, clean only those areas which are soiled. Lint/particulates can be removed with clean, filtered canned air.

Chapter 3: Product Agency Compliance - Bluetooth Ring Scanner

Industry Canada Statement:

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with IC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

Waste Electrical and Electronic Equipment (WEEE)

Important:
This symbol is placed on the product to remind users to dispose of Waste Electrical and Electronic Equipment (WEEE) appropriately, per Directive 2002-96-EC. In most areas, this product can be recycled, reclaimed and re-used when properly discarded. Do not discard labeled units with trash. For information about proper disposal, visit www honeywellaidc com.

Dealer License - Republic of Singapore

Republic of Singapore - LXE Dealer License Number DA103458 complies with IDA Standards.

Regulatory Approvals

ROHS	all accessories meet RoHS requirements • European Commission directive 2002/95/EC • China MII #39
Safety	• UL 60950-1 / CSA 22.2 60950-1 – North America • EN 60950-1 – European Union • IEC 60950-1 (CB) with all country deviations • BSMI (CNS14336) Taiwan • CCC China
EMC/EMI	• EN 55022:1998 Class A • FCC Part 15 Subpart B Class A / ICES-003 (Canada) • VCCI (Japan) • BSMI (Taiwan) • Mic (Korea)
Immunity	EN 301 489-1/17
In country Approvals	Asia/Pacific Countries • Australia • China • New Zealand • Singapore • Thailand • Turkey
Bluetooth Compliance	The CF Bluetooth Radio in the Honeywell Bluetooth Ring Scanner is Bluetooth Special Interest Group (SIG) Qualified, is listed as an EPL (End Product Listing) and with QDID: B011904.

R&TTE Directive Requirements

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC:

- EN60950-1:2001 A11:2004

  Safety of Information Technology Equipment

- EN50371 : (2002-03)

  Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz - 300 GHz) -- General public

- EN 300 328 V1.7.1: (2006-10)

  Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

- EN 301 489-1 V1.6.1: (2005-09)

  Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

- EN 301 489-17 V1.2.1 (2002-08)

  Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France and Italy where restrictive use applies.

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

Laser Light Safety Statement

Warning: This product uses laser light. One of the following labels is provided on the scanner. Please read the Caution statement. (US)

Mise én garde: Ce produit utilise un rayon laser. L'une des étiquettes suivantes est apposée sur le scanneur. Veuillez lire l'avertissement qu'elle contient. (FR)

Advertência: Este produto usa luz de laser. O scanner contém um dos seguintes avisos. Favor ler o Aviso. (PT)

Varning: Denna produkt använder laserljus. En av de nedanstående etiketterna sitter på scannern. Var god läs varningstexten. (SE)

Advarsel: Dette produkt anvender laserlys. En af følgende mærkater anvendes på scanneren. Læs venligst sikkerhedsforanstaltningen. (DK)

Varoitus: Tämä tuote käyttää laservaloa. Skannerissa on jokin seuraavista tarroista. Lue Huomio-kohta. (FI)

Warnung: Dieses Produkt verwendet Laserlicht. Eines der folgenden Etiketten befindet sich auf dem Scanner. Bitte lesen Sie den Gefahrenhinweis. (DE)

Attenzione: Questo prodotto utilizza luce laser. Una delle etichette seguenti c' ubicata sullo scanner. Si raccomanda di leggere con attenzione le avvertenze riportate. (IT)

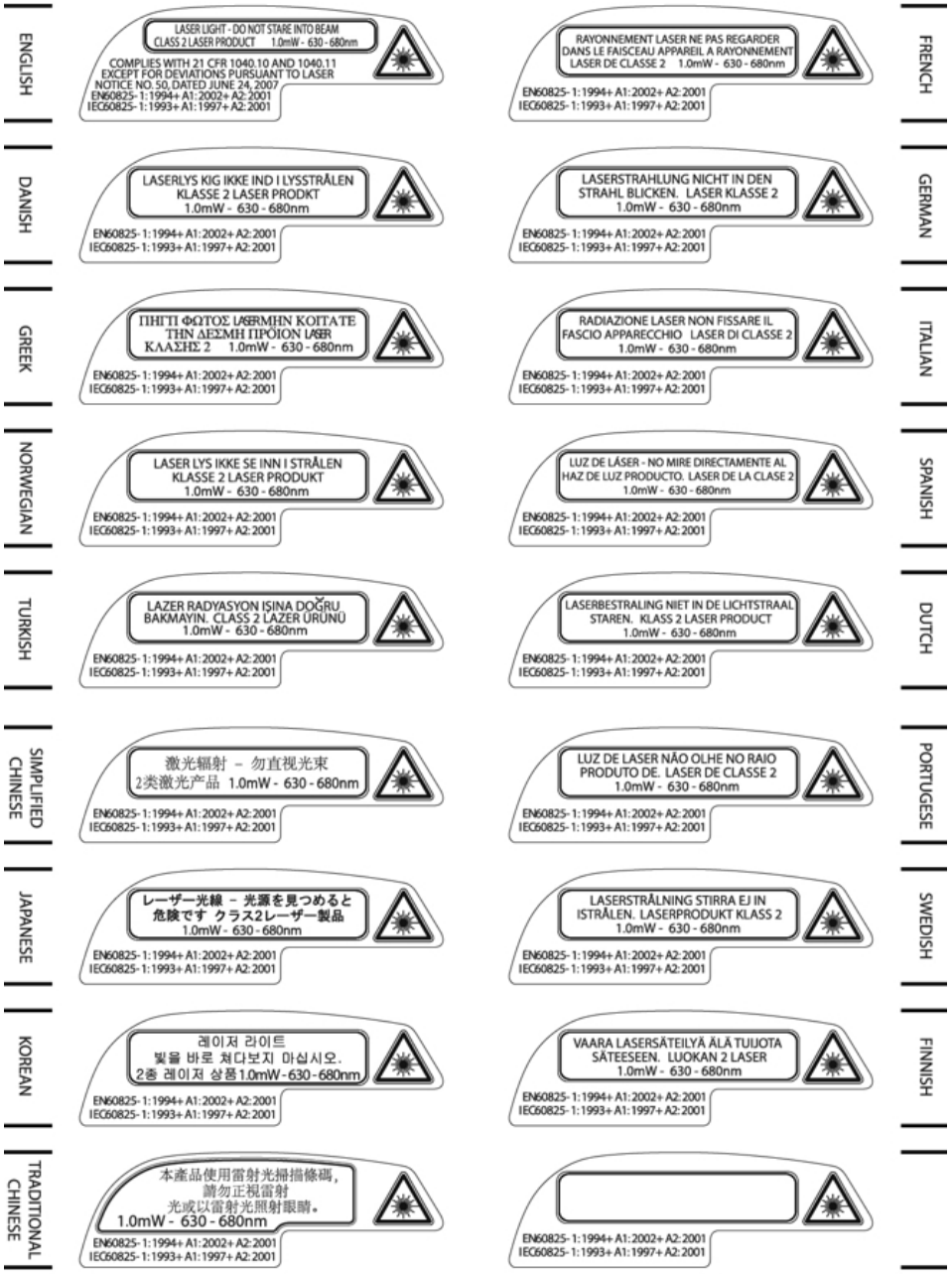
Advarsel: Dette utstyret bruker laserlys. En av følgende etiketter er plassert på scanneren. Les advarselen på etiketten. (NO)

Advertencia: Este producto usa luz de láser. Las etiquetas se proveen en la máquina exploradora. Por favor, lea detenidamente la explicación para las precauciones. (ES)

Waarschuwing: Dit product gebruikt laserlicht. Een van de volgende labels is op de scanner aangebracht. Lees a.u.b. de waarschuwing onder Oppassen. (NL)

Uyarý: Bu ürün lazer ýþýðý kullanýr. Aþaðýdaki etiketlerden bir tanesi tarayýcýnýn üstünde saðlanýr. Lütfen Dikkat ifadesini okuyun. (TR)	**Προειδοποίηση:** Αυτό το προϊόν χρησιμοποιεί λέιζερ φως. Υπάρχει μία από τις ακόλουθες ετικέτες στο σαρωτή. Παρακαλούμε διαβάστε τη δήλωση με τίτλο Προσοχή. (GR)
경고: **본 제품은 레이저 광선을 사용합니다.** **다음 라벨 중 하나가 스캐너에 제공됩니다.** **주의 사항을 읽어 주십시오.** (KR)	**警告:** この製品はレーザー光線を使用します。 次のラベルのうち１つがスキャナーに貼られています。 注意事項をお読みください。(JP)
警告： **本产品使用激光。** **下列一个标签将随扫描仪一道提供。** **请阅读“当心”一栏的内容。** (CN)	

Legend: Chinese – CN; Danish – DK; Dutch – NL; English – US; Finnish – FI; French- - FR; German – DE; Greek – GR; Italian – IT; Japanese – JP; Korean – KR; Norwegian – NO; Portuguese – PT; Republic of China – ROC; Spanish – ES; Swedish – SE; Turkish – TR.


ENGLISH
LASER LIGHT - DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT 1.0mW - 630 - 680nm
COMPLIES WITH 21 CFR 1040.10 AND 1040.11
EXCEPT FOR DEVIATIONS PURSUANT TO LASER
NOTICE NO. 50, DATED JUNE 24, 2007
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
FRENCH
RAYONNEMENT LASER NE PAS REGARDER
DANS LE FAISCEAU APPAREIL A RAYONNEMENT
LASER DE CLASSE 2 1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
DANISH
LASERLYS KIG IKKE IND I LYSSTRÅLEN
KLASSE 2 LASER PRODKT
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
GERMAN
LASERSTRAHLUNG NICHT IN DEN
STRAHL BLICKEN. LASER KLASSE 2
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
GREEK
ΠΙΗΙΤΙ ΦΩΤΟΣ LASERMHN KOITATE
THN ΔΕΣΜΗ ΠΡΟΙΟΝ LASER
ΚΛΑΣΗΣ 2 1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
ITALIAN
RADIAZIONE LASER NON FISSARE IL
FASCIO APPARECCHIO LASER DI CLASSE 2
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
NORWEGIAN
LASER LYS IKKE SE INN I STRÅLEN
KLASSE 2 LASER PRODUKT
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
SPANISH
LUZ DE LÁSER - NO MIRE DIRECTAMENTE AL
HAZ DE LUZ PRODUCTO. LASER DE LA CLASE 2
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
TURKISH
LAZER RADYASYON IŞINA DOĞRU
BAKMAYIN. CLASS 2 LAZER ÜRÜNÜ
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
DUTCH
LASERBESTRALING NIET IN DE LICHTSTRAAL
STAREN. KLASS 2 LASER PRODUCT
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
SIMPLIFIED CHINESE
激光辐射 – 勿直视光束
2类激光产品 1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
PORTUGESE
LUZ DE LASER NÃO OLHE NO RAIO
PRODUTO DE. LASER DE CLASSE 2
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
JAPANESE
レーザー光線 – 光源を見つめると
危険です クラス2レーザー製品
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
SWEDISH
LASERSTRÅLNING STIRRA EJ IN
I STRÅLEN. LASERPRODUKT KLASS 2
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
KOREAN
레이저 라이트
빛을 바로 쳐다보지 마십시오.
2종 레이저 상품1.0mW-630-680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
FINNISH
VAARA LASERSÄTEILYÄ ÄLÄ TUIJOTA
SÄTEESEEN. LUOKAN 2 LASER
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
TRADITIONAL CHINESE
本產品使用雷射光掃描條碼,
請勿正視雷射
光或以雷射光照射眼睛。
1.0mW - 630 - 680nm
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001
EN60825-1:1994+A1:2002+A2:2001
IEC60825-1:1993+A1:1997+A2:2001

Chapter 4: Technical Assistance

If you need assistance installing or troubleshooting your device, please contact us by using one of the methods below:

Knowledge Base: www.hsmknowledgebase.com

Our Knowledge Base provides thousands of immediate solutions. If the Knowledge Base cannot help, our Technical Support Portal (see below) provides an easy way to report your problem or ask your question.

Technical Support Portal: www.hsmsupportportal.com

The Technical Support Portal not only allows you to report your problem, but it also provides immediate solutions to your technical issues by searching our Knowledge Base. With the Portal, you can submit and track your questions online and send and receive attachments.

Web form: www.hsmcontactsupport.com

You can contact our technical support team directly by filling out our online support form. Enter your contact details and the description of the question/problem.

Telephone: www.honeywellaidc.com/locations

For our latest contact information, please check our website at the link above.

Product Service and Repair

Honeywell International Inc. provides service for all of its products through service centers throughout the world. To obtain warranty or non-warranty service, please visit www.honeywellaidc.com and select **Support > Contact Service and Repair** to see your region's instructions on how to obtain a Return Material Authorization number (RMA #). You should do this prior to returning the product.

Limited Warranty

Honeywell International Inc. ("HII") warrants its products to be free from defects in materials and workmanship and to conform to HII's published specifications applicable to the products purchased at the time of shipment. This warranty does not cover any HII product which is (i) improperly installed or used; (ii) damaged by accident or negligence, including failure to follow the proper maintenance, service, and cleaning schedule; or (iii) damaged as a result of (A) modification or alteration by the purchaser or other party, (B) excessive voltage or current supplied to or drawn from the interface connections, (C) static electricity or electro-static discharge, (D) operation under conditions beyond the specified operating parameters, or (E) repair or service of the product by anyone other than HII or its authorized representatives.

This warranty shall extend from the time of shipment for the duration published by HII for the product at the time of purchase ("Warranty Period"). Any defective product must be returned (at purchaser's expense) during the Warranty Period to HII factory or authorized service center for inspection. No product will be accepted by HII without a Return Materials Authorization, which may be obtained by contacting HII. In the event that the product is returned to HII or its authorized service center within the Warranty Period and HII determines to its satisfaction that the product is defective due to defects in materials or workmanship, HII, at its sole option, will either repair or replace the product without charge, except for return shipping to HII.

EXCEPT AS MAY BE OTHERWISE PROVIDED BY APPLICABLE LAW, THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER COVENANTS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, ORAL OR WRITTEN, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

HII'S RESPONSIBILITY AND PURCHASER'S EXCLUSIVE REMEDY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT WITH NEW OR REFURBISHED PARTS. IN NO EVENT

SHALL HII BE LIABLE FOR INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, AND, IN NO EVENT, SHALL ANY LIABILITY OF HII ARISING IN CONNECTION WITH ANY PRODUCT SOLD HEREUNDER (WHETHER SUCH LIABILITY ARISES FROM A CLAIM BASED ON CONTRACT, WARRANTY, TORT, OR OTHERWISE) EXCEED THE ACTUAL AMOUNT PAID TO HII FOR THE PRODUCT. THESE LIMITATIONS ON LIABILITY SHALL REMAIN IN FULL FORCE AND EFFECT EVEN WHEN HII MAY HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH INJURIES, LOSSES, OR DAMAGES. SOME STATES, PROVINCES, OR COUNTRIES DO NOT ALLOW THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

All provisions of this Limited Warranty are separate and severable, which means that if any provision is held invalid and unenforceable, such determination shall not affect the validity of enforceability of the other provisions hereof. Use of any peripherals not provided by the manufacturer may result in damage not covered by this warranty. This includes but is not limited to: cables, power supplies, cradles, and docking stations. HII extends these warranties only to the first end-users of the products. These warranties are non-transferable.

The duration of the limited warranty for the Bluetooth Ring Scanner Module is 1 year.

The duration of the limited warranty for the Bluetooth Ring Scanner Module Battery Charger is 1 year.

The duration of the limited warranty for the Bluetooth Ring Scanner Module 750mAh Li-Ion Battery is 6 months.

The duration of the limited warranty for the Bluetooth Ring Scanner Module Ring Scanner and Ring Imager is 1 year.

The duration of the limited warranty for the Bluetooth Ring Scanner fabric accessories (e.g., case, straps) is 90 days.

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