IF2 Network Reader and IM14 Radio, 900 MHz Compliance Insert

Model IF2

Retain This Supplement/General Warning

Product documentation is available at **www.honeywellaidc.com**.

Caution: This marking indicates that the user should read all included documentation before use. Retain this supplement for future reference.

The users of this product are cautioned to use accessories and peripherals approved by Honeywell International Inc. The use of accessories other than those recommended, or changes to this product that are not approved by Honeywell, may void the compliance of this product and may result in the loss of the user's authority to operate the equipment.

Power Supply Information

Caution: Use only UL Listed power supply, which has been qualified with output rated at 12 VDC and 2.5 A with the device. Alternatively, this product may be powered by a Power-Over-Ethernet network compliant with IEEE 802.3at. If using POE users are cautioned to select a POE power source which complies with all of the safety and EMC regulations in the country of use. Additionally, when using POE, the POE network must be confined to a single building. No user-serviceable parts.

请保留这份补充材料 / 一般警告信息

注意： 该标志表明，用户应在使用前通读所有随附的文档。请保留这份补充材料，以备日后参考。

敬告本产品的用户，请务必使用 Honeywell 许可的附件和外围设备。如果使用推荐附件之外 7 的其它附件，或未经 Honeywell 许可而擅自改装本产品，都可能会使本产品的符合性无效，并可能会导致用户失去操作本设备的权利。

电源信息

注意： 只能使用符合 UL 标准，经 认可，额定输出为 12 VDC 和 2.5 A 的电源。 或符合 IEEE 802.3at 标准的大功率 POE 网络连接线。电源线与电源适配器均单独出售和定购。如需帮助，请联系当地的 销售代表。此外，在使用 POE （以太网供电）时，必须将 POE 网络限制在一栋建筑物内。没有可供用户维修的零部件。

Conservez ce supplément/Mise en garde générale

La documentation sur le produit est disponible à **www.honeywellaidc.com**.

Attention: Ce marquage indique que l'usager doit, avant l'utilisation, lire toute la documentation incluse. Conservez ce supplément pour référence future.

Utilisateurs de ce produit sont avisés d'utiliser des accessoires et des périphériques approuvés par Honeywell International Inc. L'utilisation d'accessoires autres que ceux recommandés ou des changements à ce produit qui ne sont pas approuvés par Honeywell peuvent annuler la conformité de ce produit et mettre fin au droit qu'a l'usager d'utiliser l'équipement.

Information sur l'Alimentation

Attention: Utilisez avec l'appareil uniquement un bloc d'alimentation homologué UL avec une sortie nominale de 12 V CC et 2.5 A. Alternativement, ce produit peut être alimenté par un réseau Power-Over-Ethernet conforme à la norme IEEE 802.3. Si vous utilisez POE les utilisateurs sont informés de choisir une source d'alimentation POE, qui est conforme à toutes les réglementations de sécurité et EMC dans le pays d'utilisation. De plus, lorsque le POE (Power over Ethernet ou alimentation électrique par câble Ethernet) est utilisé, le réseau POE doit être confiné à un seul bâtiment. Il ne contient aucune pièce réparable par l'utilisateur.

Manter este aviso complementar/geral

A documentação do produto está disponível em **www.honeywellaidc.com**.

Cuidado: Esta identificação indica que o usuário deve ler toda a documentação fornecida antes de usar o produto.

Os usuários deste produto devem usar acessórios e periféricos aprovados pela Honeywell International Inc. Usar acessórios não recomendados, ou fazer alterações neste produto não aprovadas pela Honeywell, poderá anular a conformidade deste produto e resultar na perda da permissão do usuário de utilizar o equipamento.

Informações da fonte de alimentação

Cuidado: Use apenas a fonte de alimentação listada como UL (Underwriters Laboratories) que tenha sido qualificada com saída nominal de 12 VCC e 2.5 ampères com o dispositivo. Alternativamente, este produto pode ser alimentado por uma rede Power-Over-Ethernet compatível com IEEE 802.3at. Se estiverem utilizando POE, os usuários serão aconselhados a selecionar uma fonte de alimentação POE em conformidade com todos os regulamentos de segurança e EMC no país de uso. Além disso, quando usa o POE (Power over Ethernet), a rede POE deverá ser confinada a um único edifício. Este equipamento não contém peças que possam ser reparadas pelo usuário.

Retenga este suplemento/advertencia general

La documentación del producto está disponible en **www.honeywellaidc.com**.

Precaución: Esta marca indica que el usuario debe leer toda la documentación incluida antes del uso. Retenga este suplemento para referencia futura.

Se advierte a los usuarios de este producto que usen accesorios y periféricos aprobados por Honeywell International Inc. El uso de accesorios aparte de los recomendados, o los cambios a este producto que no estén aprobados por Honeywell, pueden anular el cumplimiento de este producto y ocasionar la pérdida de la autorización del usuario para operar el equipo.

Información cargador de alimentación

Precaución: Utilice solo una fuente de alimentación con certificación UL, homologada con una potencia de salida de 12 V CC y 2.5 amperios con el dispositivo. Alternativamente, este producto puede alimentarse mediante una red de energía por Ethernet (Power-Over-Ethernet, POE) que cumpla con la norma IEEE 802.3at. Si se usa POE, se advierte a los usuarios que seleccionen una fuente de alimentación POE que cumpla con todas las reglas de seguridad y de EMC del país donde se utilice. Además, al usar POE (Power over Ethernet), la red POE debe limitarse a un solo edificio.

No hay piezas a las cuales pueda dar servicio el usuario.

For Users Within North and South America

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. 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 can cause undesired operation.

Caution: FCC Compliance

RFID systems require professional installation.

Antennas: The users of this product are cautioned to use antennas and accessories approved by Honeywell. The use of antennas and accessories that are not approved by Honeywell may void the compliance of this product and may result in the loss of the user's authority to operate the equipment.

FCC Digital Emissions Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the radio or television receiving antenna.
- Increase the separation between the computer equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the radio or television receiver is connected.
- Consult the dealer or an experienced radio television technician for help.

Canadian Digital Apparatus Compliance

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Radiation Exposure Statement

Warning: This equipment complies with International Commission on Non-Ionizing Radiation Protection (ICNIRP), IEEE C95.1, Federal Communications Commission Office of Engineering and Technology (OET) Bulletin 65, Canada RSS-102, and CENELEC limits for exposure to radio frequency (RF) radiation.

When installing and using this product, a 34 cm (13.4 in.) passing distance must be maintained from the body or head of the user or nearby persons and the antenna. The antenna must not be touched during transmitter operation.

Use of antennas and accessories not authorized may void the compliance of this product and may result in RF exposures beyond the limits established for this equipment.

This product is intended for business and industrial environments and should not be used by children.

À l'attention des utilisateurs en Amérique du Nord et du Sud

Ce dispositif est conforme à la partie 15 des règlements du FCC et à la norme RSS-210 d'Industrie Canada. L'utilisation est assujettie aux deux conditions suivantes: (1) Ce dispositif ne doit pas causer d'interférence dommageable et (2) Ce dispositif doit tolérer toute interférence, incluant l'interférence pouvant causer un fonctionnement indésirable.

Conformité aux normes canadiennes sur les appareils numériques

Cet appareil numérique de la classe B respecte toutes les exigences du Réglement sur le matériel brouilleur du Canada.

Énoncé sur l'exposition aux radiations

Avertissement : Cet équipement est conforme aux limites d'exposition au rayonnement des radiofréquences (RF) de la Commission internationale de protection contre les rayonnements non ionisants (ICNIRP), IEEE C95.1, du bulletin 65 de la Federal Communications Commission Office of Engineering and Technology (OET), de la norme RSS-102 du Canada et du Comité Européen de Normalisation Electrotechnique (CENELEC).

Lors de l'installation et de l'utilisation de ce produit, une distance de passage de 34 cm (13,4 po) doit être respectée depuis le corps ou la tête de l'utilisateur ou de personnes proches et l'antenne. Il ne faut pas toucher l'antenne durant le fonctionnement du transmetteur.

L'utilisation d'antennes et d'accessoires non agréés peut annuler la conformité de ce produit et entraîner une exposition aux RF-delà des limites établies pour cet équipement.

Ce produit est destiné aux environnements commerciaux et industriels et ne doit en aucun cas être utilisé par des enfants.

Para usuários das Américas do Norte e do Sul

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Informações sobre exposição à radiação RF

Atenção: Este equipamento está em conformidade com os limites da International Commission on Non-Ionizing Radiation Protection (ICNIRP), da IEEE C95.1, da Federal Communications Commission Office of Engineering and Technology (OET) Bulletin 65, da Canada RSS-102 e da CENELEC para exposição à radiofrequência (RF).

Ao instalar e utilizar o módulo de rádio deixe uma distância de 34 cm (13,4 polegadas) entre a cabeça ou o corpo do usuário ou das pessoas próximas e da antena. A antena não deve ser tocada quando o transmissor estiver em uso.

O uso de antenas e acessórios não autorizados pode anular a conformidade deste produto e pode resultar em exposição a níveis de radiofrequência superiores aos limites estabelecidos para este equipamento.

Este produto foi desenvolvido para uso em ambientes industriais e comerciais e não devem ser usados por crianças.

Para usuários dentro de Américas del Norte y del Sur

Precaución: Los sistemas, dispositivos o productos que utilicen las bandas de frecuencias del espectro radioeléctrico de uso libre materia del presente Acuerdo, no deberán provocar interferencias perjudiciales a equipos de usuarios que cuenten con permiso o concesión, en cuyo caso deberán cesar su operación hasta que se eliminen las mismas. Asimismo, no tendrán protección contra interferencias provenientes de dichos equipos o de otros que se encuentren debidamente homologados.

Declaración sobre exposición a la radiación

Advertencia: Este equipo cumple con los límites de la Comisión Internacional de Protección contra la Radiación No Ionizante (ICNIRP), IEEE C95.1, la Oficina de Ingeniería y Tecnología de la Comisión Federal de Comunicaciones (OET) [Boletín 65], Canadá RSS-102, y de CENELEC referentes a la exposición a la radiación por radiofrecuencia (RF).

Al instalar y usar este producto, debe mantenerse una distancia de paso de 34 cm del cuerpo o la cabeza del usuario o de personas cercanas y la antena. No debe tocarse la antena durante la operación del transmisor.

El uso de antenas y accesorios no autorizados puede anular el cumplimiento de este producto y puede causar exposiciones de RF que superan los límites establecidos para este equipo.

Este producto está destinado a ambientes de negocios e industriales y no deben usarlo los niños.

Approved Antenna List

This device has been designed to operate with the antennas listed in the next table. Each of these antennas has a maximum effective gain (antenna gain minus cable loss) of 6 dB. Antennas not included in this list or having an effective gain (antenna gain minus cable loss) of greater than 6 dB are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Gain figures are linear dBi (decibels over isotropic). Antenna polarization is described as LP (linear polarized), CP (circular polarized), LCP (left circular polarized), or RCP (right circular polarized).

Liste d'antennes approuvées

Cet appareil a été conçu pour fonctionner avec les antennes listées au tableau suivant. Ces antennes ont un gain apparent maximal de 6 dB (gain de l'antenne moins la perte du câble). Il est strictement prohibé d'utiliser avec cet appareil les antennes qui ne sont pas sur cette liste ou celles ayant un gain apparent de plus de 6 dB (gain de l'antenne moins la perte du câble). L'impédance requise pour l'antenne est de 50 ohms.

Afin de réduire le risque de perturbation radioélectrique pour les autres utilisateurs, le type et le gain de l'antenne doivent être choisis de maniére ce que la puissance isotrope rayonnée Équivalente (p.i.r.e.) ne dépasse pas ce qui est nécessaire pour établir la communication.

Les valeurs de gains sont dBi linéaires (décibels isotropes). La polarisation de l'antenne est décrite comme Étant PL (polarisation linéaire), PC (polarisation circulaire), PCG (polarisation circulaire gauche) ou PCD (polarisation circulaire droite).

Approved Antenna List - Liste d'antennes approuvees

P/N N/P	M/N, Supplier P/N N/M, Fournisseur N/P	Description Description	Gain (dBi)* Gain (dBi)*	Cable Loss (dB) Perte du cable (dB)	System Gain (dBi) Gain du système (dBi)
805-859-001	IA40A, Laird PAR86518H-HN1	Panel RCP	5.5	2.4	3.1
805-609-001	IA33A, Cushcraft SP9028PC156RSM	Patch RCP	4.0	0	4.0
805-623-002	IA39D, Kathrein 25-278	Patch LCP	5.0	2.4	2.6
805-626-001	IA36B, Kathrein 25-578	Patch, Linear	6.0	2.4	3.6
805-629-001	IA33c, Mobile Mark PN10-915RCPI	Panel RCP	7.0	2.4	4.6

Approved Antenna List - Liste d'antennes approuvees (continued)

P/N N/P	M/N, Supplier P/N N/M, Fournisseur N/P	Description Description	Gain (dBi)* Gain (dBi)*	Cable Loss (dB) Perte du cable (dB)	System Gain (dBi) Gain du système (dBi)
805-654-001	IA33G, Huber Suhner 84024995	Panel RCP	5.5	2.4	3.1
805-654-002	IA33A, Huber Suhner 84024996	Panel LCP	5.5	2.4	3.1
805-655-001	IA33H, Huber Suhner 84024999	Panel RCP	7.0	2.4	4.6
805-655-002	IA34B, Huber Suhner 84025000	Panel LCP	7.0	2.4	4.6
805-816-002	IA33E, Cushcraft S9026XR1RRN	Patch RCP	3.0	2.4	0.6
	-, MTI MT-242044/N/K	Panel, Linear	8.0	2.4	5.6
-	-, Huber Suhner 1309.17.0085-X	Panel, Linear	8.0	2.4	5.6
-	-, Huber Suhner 1309.17.0089-X	Panel RCP	4.5	2.4	2.1
-	-, Huber Suhner 1309-56-0001-X	Panel RCP	8.0	2.4	5.6
-	-, Huber Suhner 1309-57-0087-X	Panel RCP	7.0	2.4	4.6
-	-, Mobile Mark PN7-915I-FL	Panel RCP	4.0	2.4	1.6
-	-, Mobile Mark EDN 191-1550	Panel RCP	4.0	2.4	1.6
-	-, Kathrein 520 10087	Panel RCP	7.5	2.4	5.1
-	-, Kathrein 520 10073	Panel RCP	5.2	2.4	2.8
-	-, Kathrein 520 10092	Patch CP	-30.0	2.4	-32.4
-	-, NeWave Wave-N7	7 ft. Multi-Axis Dipole	5.5	2.4	3.1
-	-, NeWave Wave-N5	5 ft. Multi-Axis Dipole	4.5	2.4	2.1
-	-, NeWave Wave-N3	3 ft. Multi-Axis Dipole	3.0	2.4	0.6
-	-, Mobile Mark BP6-915RCPI	Panel RCP	2.5	2.4	0.1
-	-, Laird S9025P	Panel RCP	2.5	2.4	0.1
!	-, Laird PA9-12	Panel, Linear	12.0	2.4	9.6
!	-, MTI MT-263006/S/E	Panel, Linear	12.5	2.4	10.1

* Gain, dBi + 3 = dBiC, Circular Polarized antenna gain (gain Polarisee Circulaire d'antenne)

-X = quantity price code (code des prix de quantite)

! = High Gain Antenna - Professional Installation Required. Operation **only** with Field Strength ≤ 26dBm

CP = Circular Polarized

RCP = Right Hand Circular Polarized

LCP = Left Hand Circular Polarized

For Users Outside of North and South America

The users of this product are cautioned to use accessories and peripherals approved by Honeywell. The use of accessories other than those recommended, or changes to this product that are not approved by Honeywell, may void the compliance of this product and may result in the loss of the user's authority to operate the equipment.

For use in China, the effective radiated power (ERP) shall not exceed 33 dBm ERP. The installer will be required to adjust the power output of the IF2 down if using antennas with gain above 7.5 dBiL and RF cables with 2.4 dB minimum loss.

Radiation Exposure Statement

This product meets the RF exposure guidelines when used with the accessories supplied or designated for this product. Use of other accessories may not ensure compliance with RF exposure guidelines.

Warning: This equipment complies with International Commission on Non-Ionizing Radiation Protection (ICNIRP), IEEE C95.1, Federal Communications Commission Office of Engineering and Technology (OET) Bulletin 65, Canada RSS-102, and CENELEC limits for exposure to radio frequency (RF) radiation.

When installing and using this product, a 34 cm (13.4 in.) passing distance must be maintained from the body or head of the user or nearby persons and the antenna. The antenna must not be touched during transmitter operation.

Use of antennas and accessories not authorized may void the compliance of this product and may result in RF exposures beyond the limits established for this equipment.

This product is intended for business and industrial environments and should not be used by children.

适用于北美洲和南美洲以外的用户

敬告本产品的用户，请务必使用 Honeywell 许可的附件和外围设备。如果使用推荐附件之外的其它附件，或未经 Honeywell 许可而擅自改装本产品，都可能会使本产品的符合性无效，并可能会导致用户失去操作本设备的权利。

在中国、马来西亚和新加坡使用时，有效辐射功率 (ERP) 不应超过 33 dBm ERP。如果使用增益超过 7.5 dBiL 的天线和最低损耗 2.4 dB 的 Honeywell RF 电缆，则安装人员需调低 IF2 的功率输出。

辐射暴露声明

本产品与随附或指定的 附件一起使用时，符合 RF 暴露安全准则。

警告：本设备符合国际非电离辐射保护委员会 (ICNIRP)、IEEE C95.1、美国联邦通信委员会工程技术部 (OET) Bulletin 65、加拿大 RSS-102 和 CENELEC 规定的射频 (RF) 辐射暴露限制。

在安装和使用该产品时，必须与用户或附近人员的身体或头部以及天线保持 34 厘米 （13.4 英寸）的距离。操作发射器期间，请勿接触天线。

未经许可而使用天线及其附件，可能会导致本产品的符合性无效，同时还可能会导致 RF 暴露超出对本设备作出的限制。

本产品只适用于商业和工业环境，且不能让儿童接触。

适用于中国用户

产品中有害物质的名称及含量

	有害物质					
部件名称	**铅 (Pb)**	**汞 (Hg)**	**镉 (Cd)**	**六价铬 (Cr^{6+})**	**多溴联苯 (PBB)**	**多溴二苯醚 (PBDE)**
电路板上的陶瓷和黄铜元件	X	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制。
O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 标准规定的限量要求以下。
X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 标准规定的限量要求。

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IF2 Network Reader and IM14 Radio, 900 MHz Compliance Insert

P/N 933-248-004-AG Revision (a)