

Model IM5 Compliance Insert

(Languages needed: English, French-Canadian, Mexican-Spanish, Brazilian-Portuguese, German, Russia, Simplified Chinese, Traditional Chinese, and Korean)



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

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

Battery, Charger or Power Supply Information



Caution: For Power Supply use Intermec Model AE34.
No user-serviceable parts.

For Users within North and South America

(Translations needed: English, French-Canadian, Mexican-Spanish, and Brazilian-Portuguese – unless otherwise noted. These translations are below from a similar CI)

English, French Canadian

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.

FCC Digital Emissions Compliance *(No translation needed – English only)*

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 (*Translations needed: English and French-Canadian*)

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

Radiation Exposure Statement

This equipment complies with FCC and Canada RSS-102 radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. Please follow operation instructions as documented for this product.

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

When installing and using the Intermec IM5 RFID radio, a 23-cm (9-inch) passing distance must be maintained from the body or head of the user or nearby persons and the IM5 antenna. The antenna must not be touched during transmitter operation.

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 Règlement sur le matériel brouilleur du Canada.

Énoncé sur l'exposition aux radiations

Cet appareil est conforme aux limites d'exposition aux radiations du FCC des États-Unis et la norme RSS-102 canadienne pour un environnement non contrôlé. Les utilisateurs finaux doivent suivre les modes d'emploi spécifiques afin de respecter les directives sur l'exposition aux RF. Veuillez suivre le mode d'emploi dans la documentation accompagnant ce produit.

Ce produit est conforme aux directives sur l'exposition aux RF lorsqu'il est utilisé avec les accessoires Intermec fournis ou conçus pour ce produit. L'utilisation d'autres accessoires peut ne pas garantir la conformité aux directives sur l'exposition aux RF.

Lorsque vous installez et utilisez le lecteur d'IDRF IM5 Intermecc, une distance de passage de 23 cm doit être respectée depuis le corps ou la tête de l'utilisateur ou des personnes à proximité et l'antenne IM5. On ne doit pas toucher à l'antenne pendant le fonctionnement de l'émetteur

Approved Antenna List for IM5

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 pour l'IM5

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 manière 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 approuvées

Intermec P/N N/P Intermecc	Intermec M/N, Supplier P/N Intermec N/M, Fournisseur N/P	Description Description	Gain (dBi)* Gain (dBi)*	Cable Loss (dB) Perte du câble (dB)
805-609-001	IA33A, Cushcraft SP9028PC156RSM	Patch CP - Plaque PC	4.0	N/A
805-622-002	IA39A, Kathrein 25-178	Patch CP - Plaque PC	6.5	2.4
805-623-002	IA39D, Kathrein 25-278	Patch CP - Plaque PC	5.0	2.4
805-626-001	IA36B, Kathrein 25-578	Patch LP - Plaque PL	6.0	2.4
805-629-001	IA33C, Mobile Mark PN10-915RCPI	Patch CP - Plaque PC	7.0	2.4
805-654-001	IA33G, Huber Suhner 84024995	Panel RCP - Panneau PCD	5.5	2.4
805-654-002	IA33G, Huber Suhner 84024996	Panel LCP - Panneau PCG	5.5	2.4
805-655-001	IA33H, Huber Suhner 84024999	Panel RCP - Panneau PCD	7.0	2.4
805-655-002	IA33B, Huber Suhner 84025000	Panel LCP - Panneau PCG	7.0	2.4
805-816-002	IA33E, Cushcraft S9026XR1RRN	Patch CP - Plaque PC	3.0	2.4
-	- , Huber Suhner 1309-57-0087-x	Panel RCP - Plaque PC	7.0	2.4
-	- , Huber Suhner 1309-56-0001-x	Panel RCP - Plaque PC	8.0	3.4
-	- , Mobile Mark PN7-915I-FL	Panel RCP - Plaque PC	4.0	2.4

* Gain, dBi + 3 = dBiC, Circular Polarized antenna gain - gain Polarisée Circulaire d'antenne

-X = quantity price code - code des prix de quantité

Para usuarios das Américas do Norte e do Sul

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

Este equipo cumple los límites de exposición a la radiación de la FCC y la norma RSS-102 de Canadá establecidos para un ambiente sin control. Los usuarios finales deben acatar las siguientes instrucciones específicas de operación a fin de cumplir la conformidad de exposición a radiofrecuencia (RF). Siga las instrucciones de operación tal como se ha documentado para este producto.

Este producto cumple las pautas de exposición a RF cuando se usa con accesorios Intermec proporcionados o designados para el producto. El uso de accesorios distintos no garantiza el cumplimiento de las pautas de exposición a RF.

Ao instalar e usar o leitor Intermec IM5 RFID, deve-se manter uma distância de passagem de 23 cm entre qualquer parte do corpo ou a cabeça do usuário, ou das pessoas nas proximidades, e a antena do IM5. A antena não deve ser tocada quando o transmissor estiver em uso.

Para usuarios dentro de América del Norte y del Sur

Información de exposición a la radiación de RF

Este equipo cumple con los límites de exposición a radiación de la FCC y de Canadá (RSS-102) establecidos para un ambiente no controlado. Los usuarios finales deben seguir las instrucciones operativas específicas para satisfacer el cumplimiento de la exposición a RF. Siga las instrucciones de operación según se han documentado para este producto.

Este producto cumple con las pautas de exposición de RF al utilizarse con los accesorios Intermec suministrados o designados para este producto. El uso de otros accesorios puede no asegurar el cumplimiento con las pautas de exposición de RF.

Al instalar y usar el lector Intermec IM5 RFID, debe mantenerse una distancia de paso de 23 cm del cuerpo o la cabeza del usuario o de personas cercanas y la antena IM5. No debe tocarse la antena durante la operación del transmisor.

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For Users In All Other Regions

This Intermec product transmits and receives data using either an 865 MHz or an 869 MHz RFID system.

Programming and configuration information for the transceivers is also provided in the host device documentation. Please check the Intermec web site for additional documentation at www.intermec.com.

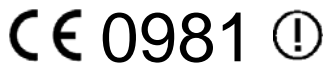
This supplement includes lists of countries that have accepted, restricted, or prohibited the use of this product:

- For 865 MHz, see the “Country List for 865 MHz Compliance” on page (insert number).
- For 869 MHz, see the “Country List for 869 MHz Compliance” on page (insert number).

865 MHz Compliance Information

Intermec Technologies Corporation declares that this device is in compliance with the essential requirements and other relevant provisions of R&TTE Directive (1999/5/EC). This product has been assessed to the following standards:

- ETSI EN 302 208
- ETSI EN 301 489
- EN 60950-1



This product is marked with this logo and uses radio frequency bands that are not harmonized throughout the European Community.

Refer to the product label for clarification.



Warning: CENELEC regulations limit exposure to radio frequency (RF) radiation. To comply with these regulations, operators of this device must maintain a distance of at least 20 cm (8 in) from the antenna assembly. While the device is on, the operator's body and parts of the body such as eyes, hands, or head, must be 20 cm (8 in) or farther from the cover of the antenna assembly.

Warning: CENELEC regulations also require that the antenna assembly of this device be installed in accordance with the installation procedures to allow the operator to comply with the limit. 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.

The transmitter module's maximum output power is 2 W. The products using this module are intended for business and industrial environments. They should not be used in residential environments and by children.

869 MHz Compliance Information

Intermec Technologies Corporation declares that this device is in compliance with the essential requirements and other relevant provisions of R&TTE Directive (1999/5/EC). This product has been assessed to the following standards:

- ETSI EN 300 220
- ETSI EN 301 489
- EN 60950-1



This product is marked with this logo and uses radio frequency bands that are not harmonized throughout the European

Community.

Refer to the product label for clarification.



Warning: CENELEC regulations limit exposure to radio frequency (RF) radiation. To comply with these regulations, operators of this device must maintain a distance of at least 20 cm (8 in) from the antenna assembly. While the device is on, the operator's body and parts of the body such as eyes, hands, or head, must be 20 cm (8 in) or farther from the cover of the antenna assembly.

Warning: CENELEC regulations also require that the antenna assembly of this device be installed in accordance with the installation procedures to allow the operator to comply with the limit. 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.

The transmitter module's maximum output power is 0.5 W. The products using this module are intended for business and industrial environments. They should not be used in residential environments and by children.

RFID 865 MHz per ETSI EN 302 208: The transmitter output power is 2.0 W ERP. The following table indicates the areas of intended use of the equipment and any known restrictions. (Revision REC7003E 200903, Annex 11 Band B2)

Country of Intended Use	CEPT Abbr.	Yes	No	License Required	Restrictions	Details
Austria	AUT	X				
Belgium	BEL		X			Prohibited
Bulgaria	BUL	X				
Cyprus	CZE	X				
Czech Republic	CYP	X				
Denmark	DNK	X				
Estonia	EST	X				
Finland	FIN	X				
France	F	X			X	Derogation Power limited to 500 mW e.r.p. within defined zones around certain military camps in France (see list of military camps with geographical coordinates in national radio interface specification)
Germany	D	X				
Greece	GRC	X				
Hungary	HNG	X				
Ireland	IRL	X				
Italy	I	X				
Latvia	LVA		X			Prohibited
Lithuania	LTU	X				
Luxembourg	LUX	X				
Malta	MLT	X				
Netherlands	HOL	X				
Poland	POL	X				
Portugal	POR	X				
Romania	ROU	X				
Slovakia	SVK		X			Prohibited
Slovenia	SVN	X				
Spain	E	X				
Sweden	S	X				
United Kingdom	G	X				
Other non-EU:						
Iceland	ISL	X				
Liechtenstein	LIE	X				
Norway	NOR	X				
Switzerland	SUI	X				

RFID 869 MHz per ETSI EN 300 220: The transmitter output power is 500 mW ERP. The following table indicates the areas of intended use of the equipment and any known restrictions. (Revision REC7003E 200903, Annex 1 Band G3)

Country of Intended Use	CEPT Abbr.	Yes	No	License Required	Restrictions	Details
Austria	AUT	X				
Belgium	BEL	X				
Bulgaria	BUL	X				
Cyprus	CZE	X				
Czech Republic	CYP	X				
Denmark	DNK	X				
Estonia	EST	X				
Finland	FIN	X				
France	F	X				
Germany	D	X				
Greece	GRC	X				
Hungary	HNG	X				
Ireland	IRL	X				
Italy	I	X			X	Max 25 mW e.r.p.
Latvia	LVA	X				
Lithuania	LTU	X				
Luxembourg	LUX	X				
Malta	MLT	X				
Netherlands	HOL	X				
Poland	POL	X				
Portugal	POR	X				
Romania	ROU	X				
Slovakia	SVK	X				
Slovenia	SVN	X				
Spain	E	X				
Sweden	S	X				
United Kingdom	G	X				
Other non-EU:						
Iceland	ISL	X				
Liechtenstein	LIE	X				
Norway	NOR	X				
Switzerland	SUI	X				



Worldwide Headquarters
6001 36th Avenue West
Everett, Washington 98203
U.S.A.
tel 425.348.2600
fax 425.355.9551
www.intermec.com
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IM5 Compliance Insert



P/N 075231-004, Revision E