

CK32 Intrinsically Safe Handheld Computer Compliance Insert



For Users in the United States and Canada



Caution: This marking indicates that the user should read all included documentation before use.

Attention: Ce marquage indique que l'utilisateur doit, avant l'utilisation, lire toute la documentation incluse.

The 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 this product that are 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.

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

Important Operating Instructions

Intermec Technologies Corporation Model CK32IS has been qualified by Underwriters Laboratories Inc., to the requirements of the USA and Canada for use in Class I, Division 1 - Groups A, B, C and D, Class II; Division 1 - Groups E, F and G and Class III, Division 1 locations. It has also been qualified for use, Class I, Zone 0, Group IIC. It has a T4 temperature code. The operating ambient temperature range for the CK32IS is from -20°C to 50°C (-4°F to 122°F).

Le modèle CK32IS d'Intermec Technologies Corporation a été qualifié par l'Underwriters Laboratories Inc., conformément aux exigences des États-Unis et du Canada pour une utilisation sur des sites Classe I, Division 1 - Groupes A, B, C et D, Classe II; Division 1 - Groupes E, F et G et Classe III, Division 1. Il a également été qualifié pour une utilisation sur des sites Classe I, Zone 0, Groupe IIC. Il est affecté du code de température T4. La plage de température ambiante d'exploitation du CK32IS est de -20 à 50 °C (-4°F à 122°F).

Warnings and Cautions



Warning: Explosion Hazard – Substitution of components may impair suitability for safe operation of the CK32IS while in hazardous environments.

Note: This unit has no operator replaceable parts other than the battery pack. Repair of the CK32IS must be performed by trained Intermec service personnel.

Avertissement : Risque d'explosion – Le remplacement de composants risque de compromettre l'adaptabilité du CK32IS à une utilisation sûre dans des environnements dangereux.

Remarque : Cet appareil ne contient aucune pièce remplaçable par l'opérateur, mis à part le bloc-piles. La réparation du CK32IS doit être effectuée par un personnel de maintenance Intermec formé.



Warning: Explosion Hazard – Use Intermec battery pack Model AB6 only. This battery is rated as Intrinsically Safe but it MUST NOT BE CHANGED while in a Class II Group E environment.

Avertissement : Risque d'explosion – Utilisez uniquement le modèle de bloc-piles AB6 d'Intermec. Ce bloc-piles est désigné comme étant « Intrinsèquement sûr », mais il NE DOIT PAS ÊTRE MODIFIÉ dans un environnement de classe II Groupe E.

The following additional warnings and cautions must be observed for the safety of the operator and others in potentially hazardous locations.

- This computer must be used only when the ambient temperature is between -20°C and 50°C (-4°F and 122°F).
- Only use Intermec battery pack Model AB6 (P/N 318-021-xxx).
- The CK32IS may only be used with the Hand Strap (P/N 825-183-xxx), Handle (P/N 714-625-xxx), or Carrying Strap Kit (P/N 825-186-xxx) while in potentially hazardous locations.
- The AB6 battery pack must only be recharged using Intermec Model AC11 Quad Battery Charger (P/N 852-914-xxx). Battery charging should only take place in locations known to be non-hazardous.
- Communication with the CK32IS can only occur via the internal radios.
- Cleaning of the CK32IS or scan handle must only be done using a mild soap, water and a soft cloth.

Les avertissements et mises en garde suivants doivent être respectés pour la sécurité de l'opérateur et d'autres personnes sur des sites potentiellement dangereux :

- Cet ordinateur doit uniquement être utilisé lorsque la température ambiante est comprise entre -20 et 50 °C (-4°F et 122°F).
- Utilisez uniquement le modèle de bloc-piles AB6 (réf. 318-021-xxx).

- Le CK32IS peut uniquement être utilisé avec la sangle de main (réf. 825-183-xxx), la poignée (réf. 714-625-xxx) ou la trousse de sangle de transport (réf. 825-186-xxx) sur des sites potentiellement dangereux.
- Le bloc-piles AB6 doit uniquement être rechargé à l'aide du chargeur quadruple Intermec modèle AC11 (réf. 852-914-xxx). La recharge de la batterie doit uniquement avoir lieu à des endroits jugés non dangereux.
- La communication avec le CK32IS peut uniquement se produire via les radios internes.
- Le nettoyage de la poignée de lecture ou du CK32IS doit uniquement se faire avec un savon doux, de l'eau et un chiffon doux.

Battery Information



Caution: The battery pack used in this device may present a fire or burn hazard if mistreated. Do not incinerate or disassemble; battery pack may explode and release toxic materials. Keep away from children.

Use only Intermec battery pack Model AB6. Use of incorrect battery pack may present risk of fire or explosion. Promptly dispose of used battery pack according to the instructions.

Attention : Il est possible que le bloc-piles utilisé dans cet appareil présente un risque d'incendie ou de brûlure en cas de manipulation impropre. Ne le jetez pas au feu et ne le démontez pas sous peine de le faire exploser et d'entraîner une fuite de produits chimiques toxiques. Gardez hors de portée des enfants.

N'utiliser que le modèle de bloc-piles Intermec AB6. L'utilisation d'un mauvais bloc-piles pourrait constituer un risque d'incendie ou d'explosion. Mettre rapidement au rebut tout bloc-piles usé, conformément aux instructions.

Battery Recycling Information



This product contains or uses a lithium-ion (Li-ion) main battery. When the battery reaches the end of its useful life, the spent battery should be disposed of by a qualified recycler or hazardous materials handler. Do not mix this battery with the solid waste stream. Contact your Intermec Technologies Service Center for recycling or disposal information.

Ce produit contient ou utilise une pile principale au lithium-ion (Li-ion). Lorsque la batterie atteint la fin de sa durée de vie utile, la batterie usées doivent être mises aux rebuts par un agent de recyclage ou un manipulateur de matériaux dangereux agréé. Il ne faut pas mélanger la batterie aux autres déchets solides. Pour plus d'informations sur le recyclage ou la mise aux rebuts, contacter votre centre de services Intermec Technologies.

Note: In the U.S.A., the EPA does not consider spent Li-ion batteries as hazardous waste.

FCC Digital Emissions Compliance

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

Specific Absorption Rate (SAR)

Radio Wave Exposure and Specific Absorption Rate (SAR) information for Model CK32IS configurations with 802.11g radio.

The FCC permits a maximum SAR value of 1.6 W/kg. For body worn operation, the highest SAR value for the Model CK32IS as tested by Compliance Certification Services is 0.082 mW/g.

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

Canadian Digital Apparatus Compliance

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

Conformité aux normes canadiennes sur les appareils numériques

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

For Users Outside of the United States and Canada



Caution: This marking indicates that the user should read all included documentation before use.

Model CK32 Intrinsically Safe Handheld Computer Important Operating Instructions

Intermec Technologies Corporation Model CK32IS has been qualified under the IECEx Scheme and the ATEX Directive of the European Union by Baseefa as Intrinsically Safe for use in the following hazardous location environments.

Hazardous Locations

IECEx Scheme IECEx BAS 06.0085X - Product Markings

- Ex ia I/IIC T4 ($-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$)
- Ex iaD 20 T250°C ($-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$)

ATEX Baseefa06ATEX0317X - Product Markings

- Ex ia I/IIC T4 ($-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$)  IM1/II 1G
- Ex iaD 20 T250°C ($-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$)  II 1D

This means the CK32IS is rated for use as a mining product, Group I, Category M1 as well as non-Mining applications in Group II, Category 1 for gas/vapor/mist/dust - atmospheres. See Special Conditions of Safe use.

The Ambient Operating Temperature Range for the CK32IS is from -20°C to 50°C .

Battery Pack Output Connector

U_o	= 8.4V
I_o	= 5.93A
P_o	= 8.04W
C_i	= 0
L_i	= 0
U_m	= 18V

CK32IS Power Input Connector

U_i	= 8.4V	
P_i	= 9W	8.4V peak via 630mA fuse.
C_i	= 0	All internal capacitance has been considered as a pure voltage source.
L_i	= 0	
U_o	= 8.4V	
I_o	= 7.2A	

CK32IS I/O Connector

U_o	= 4.61V	
I_o	= 344mA	
P_o	= 396mW	
C_i	= 0	All internal capacitance has been considered as a pure voltage source.
L_i	= 125μH	
C_o	= 36 μF	
L_o	= 25μH	
U_i	= 4.61V	

Warnings and Cautions



Warning: Explosion Hazard - Substitution of components may impair suitability for safe operation of the CK32IS while in hazardous environments.

Note: This unit has no operator replaceable parts other than the battery pack. Repair of the CK32IS must be performed by trained Intermec service personnel.

The following additional warnings and cautions must be observed for the safety of the operator and others in potentially hazardous locations:

- This computer must be used only when the ambient temperature is between -20°C to 50°C (-4°F to 122°F).
- Only use Intermec battery pack Model AB6 (P/N 318-021-xxx).
- The AB6 battery has been evaluated as Intrinsically Safe but the battery should only be changed while in Class II (gas/vapor/mist) or non-hazardous locations.
- The CK32IS may only be used with the Handstrap (P/N 825-183-xxx), Handle (P/N 714-625-xxx), or Carrying Strap Kit (P/N 825-186-xxx) while in potentially hazardous locations.
- The AB6 battery pack must only be recharged using Intermec Model AC11 Quad Battery Charger (P/N 852-914-xxx). Battery charging should only take place in locations known to be non-hazardous.
- Cleaning of the CK32IS or scan handle must only be done using a mild soap, water, and a soft cloth.

Special Conditions of Safe Use

The CK32IS must not be used in the presence of Conductive Dusts.

Linear Imager Compliance and Precaution

This product complies with the following standards for LED safety:

IEC 60825-1 / EN 60825-1 - Class 1 LED Product.

Battery Recycling Information



This product contains or uses a lithium-ion (Li-ion) main battery. When the battery reaches the end of its useful life, the spent battery should be disposed of by a qualified recycler or hazardous materials handler. Do not mix this battery with the solid waste stream. Contact your Intermec Technologies Service Center for recycling or disposal information.