

Product profile

IP30

Handheld RFID Reader



- Easy snap-on installation to Intermec mobile computers featuring near/far area imaging and multiple network communication options
- Lightweight ergonomic design with choice of Bluetooth® or USB connection to a mobile computer
- Seamless application portability between Intermec fixed readers and IP30
- Optional non-incendive (NI) configurations
- Based on EPCglobal certified radio
- Available in multiple frequency bands for global operation

The Intermec IP30 add-on passive UHF RFID handle is a cost-effective, compact, EPCglobal-certified solution for adding mobile RFID read/write capability to Intermec's latest generation of mobile computers including the CN4, CN4e, CN3*, CN3e*, CK61, CK61ex, and CK3.

The modularity of the IP30 and the RFID-readiness of the Intermec mobile computers mean the power of RFID can be literally added in a snap today or at any point in the future to support in-premises and in-field applications such as warehouse operations, enterprise asset management, retail and enterprise inventory management, field service, and exception handling.

When combined with one of Intermec's most powerful mobile computer lines, the IP30 gives the user unmatched data collection and communication capabilities. Combining RFID with multiple network communication options in a single handheld unit enables pin-point location accuracy for real-time asset, source and service tracking.

When added to the Intermec CN4 or CN4e, the IP30 gives users unprecedented versatility both inside and outside of the four walls through combined advanced data collection methods, GPS location

association, and communication via multiple network radios, including the latest 3.5G cellular technologies. RFID reads can now be associated with time stamps and location coding to enhance supply chain visibility for applications like track and trace, point of origin, and field asset and inventory management.

When harsh and hazardous environments make RFID one of the only viable identification and data collection methods, the non-incendive (NI) rated version of the IP30, combined with the CN4/CN4e, CN3/CN3e, or CK61 mobile computer, where gases, dusts, or fibers may be present.

Similar to Intermec's industry leading fixed and vehicle mount RFID readers, the IP30 has an EPCglobal certified radio that enables seamless application portability among all RFID applications using Intermec readers.

SmartSystems™ Foundation, standard on the Intermec mobile computers, provides a single, convenient console for quick set-up and configuration of all of the settings contained in the device. Administrators can change device settings, send firmware upgrades, update software applications, and execute other changes directly from the console to save time and cut costs.

Physical Description

The IP30 handheld reader incorporates the Intermec IM4 high performance radio module as well as a linear polarized antenna for superior range. The IP30 supports both Bluetooth and USB connection to Intermec's CN4, CN4e, CN3*, CN3e*, CK61 CK61ex, and CK3 mobile computers.

The IP30 meets ETSI and FCC standards and is factory configured to operate in many regions including USA and Canada, EU, China, Taiwan, Thailand, Australia, New Zealand, Brazil, Hong Kong, Singapore, Philippines, and Malaysia. Some configurations, including mobile computer support, are not available in all regions.

Physical Characteristics

Weight without handheld computer:
430 g with battery (0.95 lbs)
Weight with CN3 or CN4:
860 grams with battery (1.9 lbs)
Weight with CK61:
1.16 kg with battery (2.5 lbs)
Weight with CK3:
880 g with battery (1.9 lbs)

Environmental Specifications

Operating Temp: -15° C to 50° C (5° F to 122° F)
Storage Temp: -30° C to 70° C (-22° F to 158° F)
Humidity: 10 to 95% (non-condensing)
Enclosure: IP64 compliant
Shock: 30 G, 11 ms, half sine pulse (operating)
Vibration: Quasi Random Vibration 17.5G RMS for 2 hours, each of three axis
Drop Survival: Withstands 4 foot drop (1.3m) 26 times to concrete
Non-incendive (NI) Option: Class I - Div. 2 Groups A, B, C, D; Class II - Div. 2 Groups F, G; Class III - Div 2. T6

Compatible Handheld Computers

CN4, CN4e, CN3*, CN3e*, CK61, CK61ex, CK3

Communication Interface to Handheld Computer

Bluetooth and USB configurations

Antenna Type

Linear polarized

Antenna Field

70-degree cone (approx.) measured from nose of device

Typical Read Range (tag and environment dependent)

6 cm to 6 m (0.2 ft. to 20 ft.)

Typical Write Range (tag dependent)

30.5 cm to 60.9 cm (1 ft. to 2 ft.)

Maximum Output Power

FCC: 30 dBm (26 dBm with CN4/CN4e); ETSI: 23 dBm

Indicator LEDs

Five indicator LEDs:

1. SmartSystems – Power/Ready to Work
2. Data Transfer to Host
3. RF on
4. Tag Read
5. Battery Status

Power

Removable Lithium-ion battery pack (2400 mAh)

Accessories

External battery charger

RFID Frequency Ranges

865 and 915 MHz bands supporting multiple regional configurations

Tag Air Interfaces

EPCglobal Class 1 Gen 2
ISO 18000-6c
ISO 18000-6b

Software

Demonstration software
Common API with Intermec's RFID reader portfolio
Support for Microsoft BizTalk RFID Mobile

*LAN-only version of CN3 mobile computers (CN3B and CN3F). Wireless WAN supported only with CN4/CN4e.

North America

Corporate Headquarters

6001 36th Avenue West
Everett, Washington 98203
Phone: (425) 348-2600
Fax: (425) 355-9551

North Latin America

Headquarters Office

Mexico
Phone: +52 55 52-41-48-00
Fax: +52 55 52-11-81-21

South Latin America

Headquarters Office

Brazil
Phone: +55 11 5502.6770
Fax: +55 11 5502.6780

Europe/Middle East & Africa

Headquarters Office

Reading, United Kingdom
Phone: +44 118 923 0800
Fax: +44 118 923 0801

Asia Pacific

Headquarters Office

Singapore
Phone: +65 6303 2100
Fax: +65 6303 2199

Internet

www.intermec.com
Worldwide Locations:
www.intermec.com/locations

Sales

Toll Free NA: (800) 934-3163
Toll in NA: (425) 348-2726
Freephone ROW:
00 800 4488 8844
Toll ROW: +44 134 435 0296

OEM Sales

Phone: (425) 348-2762

Media Sales

Phone: (513) 874-5882

Customer Service and Support

Toll Free NA: (800) 755-5505
Toll in NA: (425) 356-1799



Copyright © 2010 Intermec Technologies Corporation. All rights reserved. Intermec is a registered trademark of Intermec Technologies Corporation. All other trademarks are the property of their respective owners. Printed in the U.S.A. 611867-01E 09/10

In a continuing effort to improve our products, Intermec Technologies Corporation reserves the right to change specifications and features without prior notice.



Legacy Technology Services

We Rent & Sell All Types Of Barcode Equipment

Call now to talk to an expert

866-271-9891

www.LegacyGlobal.com

Some brands we carry



MOTOROLA

Intermec

DATALOGIC™

Honeywell

EQUINOX
PAYMENTS



About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



Legacy, Inc.,
160 West Road,
Ellington, CT 06029

Toll Free: 866-271-9891
Fax: 888-522-4684