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 CN3, CN3e, CK61 and CK61ex.

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 both in-premise and in-field applications such as warehouse operations, enterprise asset management, in-transit-visibility, direct store delivery and exception handling.

When combined with Intermec’s most powerful mobile computers, the CN3 and CN3e, the IP30 gives the user unmatched data collection and communication capabilities. Combining integrated RFID and GPS, along with WiFi, Bluetooth® and WWAN, into a single handheld computer enables pin-point location accuracy for real-time asset, source and service tracking.

When harsh and hazardous environments make RFID one of the only viable identification and data collection methods, the non-incendive rated version of the IP30, combined with the CK61NI mobile computer and Intermec’s rigid RFID tags, provides a certified device for reading and writing to RFID tags and transmitting the data via wireless LAN.

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.
The IP30 Handheld RFID Reader is based on Intermec’s IM4 radio module.

**Physical Description**
The IP30 handheld reader incorporates the Intermec IM4 radio module as well as a linear polarized antenna. The IP30 supports both Bluetooth and USB connection to Intermec’s CN3, CN3e, CK61 and CK61ex mobile computers. The IP30 meets both ETSI and FCC standards. It can be factory configured to operate in RFID frequency bands: 869MHz, 915MHz.

**Physical Characteristics**
- Weight without handheld computer: 430 grams with battery (15.4 oz)
- Weight with CN3: 860 grams with battery (1.9 lbs)
- Weight with CK61: 1.16 kg with battery (2.55 lbs)

**Environment**
- Operating Temp: 0° C to 50° C (32° 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. T4 (Certification Pending)

**Compatible Handheld Computers**
- CN3, CN3e, CK61, CK61ex

**Standard Features**
- Communications Interface
- Bluetooth and USB configurations

**Antenna**
- Linear polarized

**Output Power**
- U.S.: -1W (4W EIRP); Europe: -0.5W

**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

**Accessories**
- External battery charger

**RFID Frequency Ranges**
- 869 and 915 MHz

**Tag Air Interfaces**
- EPCglobal UHF Gen 2
- ISO 18000-6b
- ISO 18000-6c