

Intermec

Product Profile



- For use in industrial locations where flammable gases, combustible dusts or ignitable fibers may be present.
- Powerful Intel® XScale™ processor
- Microsoft® Windows® Mobile software for Pocket PC
- Built-in wireless LAN and Bluetooth™ connectivity for communication without wires
- Advanced linear imaging technology to read barcodes quickly and reliably
- Bright color display provides easy readability under all lighting conditions
- Ergonomically designed for comfortable full-day use
- Part of a comprehensive solution including printers, application software, communications infrastructure products, peripherals, and accessories

7 3 0 C O L O R I - S A F E M O B I L E C O M P U T E R

Intermec's 730 Intrinsically Safe (I-Safe) certified device provides for the ability to extend the 700 Color Series mobile application benefits into hazardous industrial locations where flammable gases, combustible dusts or ignitable fibers may be present.

Building on the standards set by the highly configurable 700 Color Series, the 730 model provides a defined feature set which includes a sharp color display, local area and personal area (Bluetooth) wireless radios, as well as a linear imager that delivers high-speed barcode reading performance.

The introduction of hazardous environment certifications within the successful 700 Series product offering

allows for cross-departmental standardization for both hazardous and non-hazardous environments, minimizing your enterprise's total cost of ownership.

Meeting the stringent Underwriters Laboratory (UL) certification requirements for Division 1, Class I, Class II or Class III; the 730 device is tough enough to handle the daily rigors of your frontline business.

Whether your application is standalone, client-server, browser-based, or terminal emulation, the 730 is the right tool.

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(800) 643-2664

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Physical Characteristics

Length: 178 mm (7.0 in.)
Width: 89 mm (3.5 in.)
Height: 38 mm (1.5 in.)
Weight: 493 grams (17.6 oz)

Environmental

Operating Temp:
 -10 to 40°C (+14° to +104°F)
Storage Temp:
 -20° to +60°C (-4° to +140°F)
Relative Humidity:
 5% to 95% (non-condensing)

Rain and Dust Resistance:

IP54 compliant
Drop Spec: Underwriters Laboratory (UL)
 1m (3.3') drop specifications

Power

Battery Type: Lithium-Ion, 3.6V, (1 x 2400 mAh cell), customer replaceable
Battery Capacity: 8.64 Watt-hours
Recharging Time: 4 hours with multi-pack battery charger

Microprocessor

Intel® XScale™ PXA255 Applications Processor, 400 MHz

Operating System

Microsoft® Windows® Mobile software for Pocket PC

Memory and Storage

RAM Memory: 64 MB
Flash ROM: 64 MB; includes ROM folder for application storage

Expansion Slot

128 MB Secure Digital (SD) customer accessible outside of hazardous environment

Display

Transflective TFT all-light readable color display with LED backlight, 240x320 pixels, 89 mm (3.5 in) diagonal, 64 K colors

Standard Communications

RS232, USB, IrDA 1.1 (115 kbps)

Integrated Wireless

802.11b WLAN (Wi-Fi® certified)
 Bluetooth™ compatible module

Integrated Scanner Options

Linear imager

Cisco Compatible Extensions

Version 1 Supported
 LEAP
 CKIP
 VLAN

Regulatory Approvals

FCC Part 15 Class B
 UL Listing

Hazardous Certification

Underwriters Laboratories, Inc. approval for U.S. and Canada
 Class I, Division 1, Groups C, D
 Class II, Division 1, Groups F, G
 Class III, Division 1
 Temperature Code T4 (≤ 135° C)

Imager Specifications

Density	Minimum	Maximum
4 mil (0.1mm)	3.7 in. (95 mm)	5.4 in. (136 mm)
12 mil (0.3mm)	1.8 in. (45 mm)	9.4 in. (240 mm)
20 mil (0.5mm)	1.7 in. (44 mm)	11.8 in. (300 mm)
39 mil (1mm)	4.7 in. (120 mm)	15.7 in. (400 mm)
100% UPC	1.8 in. (45 mm)	9.4 in. (240 mm)
25% UPC	2.4 in. (61 mm)	6.2 in. (157 mm)

Key Accessories

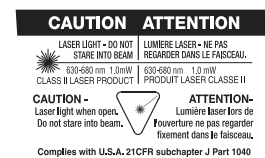
For use in hazardous environments
 128 MB SD Storage Cards
 Scanning Handles

For use in non-hazardous environments
 Desktop connectivity docks
 Battery Pack chargers
 Printers

* Bluetooth is a trademark owned by Bluetooth SIG, Inc., USA.

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