



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



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.

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

256 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

256 MB SD Storage Cards

Scanning Handles

For use in non-hazardous environments

Desktop connectivity docks

Battery Pack chargers

Printers

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Intel and XScale are trademarks of Intel Corporation.



CAUTION ATTENTION

LASER LIGHT - DO NOT STARE INTO BEAM
 LUMIERE LASER - NE PAS REGARDER DANS LE FAISCEAU
 CLASS II LASER PRODUCT
 PRODUIT LASER CLASSE II
 CAUTION - Laser light when open. Do not stare into beam.
 ATTENTION - Lumière laser lors de l'ouverture ne pas regarder fixement dans le faisceau.
 Complies with U.S.A. 21CFR subchapter J Part 1040