

730

I-Safe Color Mobile Computer



- 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 x2400 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 ($\leq 135^{\circ}\text{C}$)

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

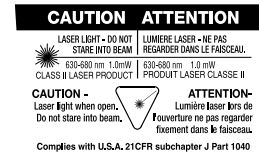
For use in non-hazardous environments

Desktop connectivity docks
Battery Pack chargers
Printers

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North America

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

South America & Mexico

Headquarters Office
Newport Beach, California
Phone: (949) 955-0785
Fax: (949) 756-8782

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



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