Leica DX10
Your rugged site companion

Rough and Tough
- Water- and dustproof to IP67, shockproof
- Magnesium case with easy-to-grip over-molding

Field-Friendly
- Pocket sized, ergonomically sculpted case
- Lightweight, form fits your hand
- Large, tactile, tough, backlit keys

Vibrant Color Display
- Excellent visibility in all lighting conditions
- Sealed, site proofed touch screen

Keep in Touch
- Synchronization options for PC data transfer
- Wireless via **Bluetooth**® technology, Wi-Fi, or modems

Versatile Communications Module
- USB Host and Client plus 9-pin RS-232
- Multipurpose use with peripheral devices
- Customize for specialized applications

Intelligent Battery
- Rechargeable, long life Li-Ion Battery
- Knows and shows battery status

Flexibility
- SD and CF card slots
- Runs with various Leica Geosystems software packages

- when it has to be **right**

Leica
Geosystems

Leica DX10
Specifications

Processor
- Intel® XScale® PXA270, 520 MHz

Operating System
- Windows Mobile® 5.0
- Non-volatile, secure, stored in Flash, protected from accidental erasure

Memory (RAM)
- 128 MB low-power RAM
- OS uses RAM more efficiently, providing more memory for larger applications and databases

Data Storage
- Internal solid-state 256 MB Flash disk

CF and SD Card Slots
- Compact Flash: Type I or Type II for data storage and other peripherals
- Secure Digital (SD or SDIO) can be used with memory cards and other peripherals

High Contrast Color Display
- Active viewing area: 3.5" (89 mm) diagonal
- High visibility active matrix TFT transflective LCD
- Transflective technology gives brilliant contrast, even in direct sunlight
- ¼ VGA, 240 x 320 pixels, selectable for portrait or landscape view

Touchscreen
- Sealed, resistive, pressure sensitive touchscreen
- Convenient on-board stylus storage, tetherable stylus

Communications Module
- COM 1: 9-pin sub D connector with 5 V power on DTR to power other devices such as a GPS receiver or external bar code reader
- USB host (Mini A) can control other devices
- USB device (Mini B) synchronizes information to the desktop
- 12 VDC jack for power input and battery charging (wall mount or vehicle charger), 10 V–18 V
- Modular, can be customized

Physical
- Size: 6.5" length x 3.5" wide x 1.7" thin (165 x 89 x 43 mm)
- Weight: 17 oz (482 g)
- Magnesium case with scratch resistant metallic powder coat
- Easy to grip over-molding

Real Time Clock
- Keeps correct date and time, even during long-term battery removal

Environmental
- Operating temperature: –22 to 122 °F (–30 to 50 °C)*
- Storage temperature: –22 to 140 °F (–30 to 60 °C)
- Waterproof and dustproof, IP67
- Shockproof: multiple drops from 5 ft (1.5 m) onto concrete through temperatures ranging from –22 to 122 °F (–30 to 50 °C)
- MIL-STD-810F: water, humidity, sand and dust, vibration, altitude, shock, high temperature, low temperature, temperature shock

Power
- Intelligent, rechargeable, lightweight Li-Ion battery pack, 14 W-h (nom.)
- Operates for more than 20 hours on one charge
- 12 V vehicle power input connector for charging or direct power input

Software Included
- Microsoft® Internet Explorer Mobile
- Microsoft®Office Mobile Applications: Word Mobile, Excel® Mobile, PowerPoint® Mobile
- Microsoft® Office Mobile: Inbox, Calendar, Contacts, Instant Messaging, Tasks, Notes, Spell checker
- Microsoft® ActiveSync®4.x for desktop PC
- Terminal Services Client (can control your desktop from the DX10)
- Microsoft® Windows Media® Player 10 Mobile
- Calculator, games, pictures and videos (image and video viewer)
- Voice recorder
- Handwriting recognition

Development Environment
- SDK for Windows Mobile supports: Embedded Visual C++® version 4.0 Visual Studio®2005

Delivery Content
- Rechargeable Li-Ion battery
- AC charger (universal voltage)
- USB cable
- Captured full-size stylus
- Hand strap
- Screen protector
- Quick Start Guide
- MS Getting Started CD
- User Documentation CD
- User Manual

Wireless Communication Options
- Internal **Bluetooth®** wireless technology option, Class 1
- **Bluetooth®** wireless technology, Class 1 supported (requires SD or CF card)
- Wi-Fi supported (requires SD or CF Wi-Fi card for wireless networking)
- Wireless cellular modem for wide area communication

Certifications
- FCC Class B
- European CE Mark
- RoHS Compliants
- FM Approved Class I, Div

* **Bluetooth®** wireless technology is rated to –4 °F (–20 °C)

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