

XM66 Specifications



TECHNICAL

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|------------------|--|
| Operating System | Microsoft Windows Mobile 6.1 |
| Processor | Freescale™ i.MX31 @533MHz |
| Memory | 128MB DDR SDRAM, 128MB NAND |
| Expansion | User accessible microSD card slot |
| Power | Swappable 3.7V 2000mAh rechargeable Li-ion battery |

PHYSICAL

| | |
|-------------|--|
| Dimensions | 1.20" H x 3.11" W x 5.75" L / 30.5mm H x 79mm W x 146mm L |
| Weight | 9.85oz / 279g with battery |
| Keypad | Backlit numeric keypad or backlit PDA keypad (with 4-way navigation) |
| Display | 3.5" Color TFT QVGA (240x320); 262K colors |
| Touch Panel | Analog resistance type; stylus input |

ENVIRONMENTAL

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|--------------------------------|--|
| Operating Temperature | 14° to 122° F / -10° to 50° C |
| Storage Temperature | -13° to 158° F / -25° to 70° C |
| Humidity | 5% to 90% RH (no condensation) |
| Drop | Multiple 4ft / 1.2m drops to concrete on all sides across a wide temperature range |
| Water & Dust | IP54 Category II |
| Vibration | 0.03 G ² /Hz from 20Hz to 2kHz; 1 hour random wave per axis |
| Electro Static Discharge (ESD) | +/- 15kVDC air; +/- 8kVDC contact |
| Sterilization | 76.9% to 81.4% concentration alcohol rub |
| Ambient Light | 450ft-candelas (artificial light); 8,000ft-candelas (sunlight) |

INTERFACE FEATURES

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|----------------|---------------------------------------|
| Audio | Speaker and Microphone |
| Alerts | Vibration, LED indicators, audio beep |
| LED Indicators | Tri-color |
| Scan Triggers | Left, right, center buttons |

DATA CAPTURE

| | |
|----------------|---|
| Imager | 1D/2D Adaptus® Imaging Technology; 752 x 480 pixel CMOS area imager |
| 1D Symbologies | China Post, Codabar, Codablock F, Code 11, Code 16K, Code 32 Pharmaceutical (PARAF), Code 39, Code 49, Code 93 and 93i, Code 128, EAN-8, EAN-13, GS1-128, GS1 Databar (RSS-144, RSS Limited, RSS Expanded), Interleaved 2 of 5, ISBT 128, Matrix 2 of 5, Korea Post, MSI, Plessey Code, PosiCode, , Straight 2 of 5 IATA (two-bar start/stop), Straight 2 of 5 Industrial (three-bar start/stop), Telepen, Trioptic Code, UPC-A, UPC-A with Extended Coupon Code, UPC-E, UPC-E1 |
| 2D Symbologies | PDF417 (EAN-UCC Composite, MicroPDF417, PDF417, TCIF Linked Code 39, TLC39), 4-CB (4-State Customer Barcode), Australian Post, Aztec Code, Aztec Mesas, British Post, Canadian Post, GS1 Data Matrix, Han Xin, ID-tag (UPU 4-State), Japanese Post, KIX (Netherlands) Post, MaxiCode, OCR, Planet Code, Postnet, QR Code |

DATA COMMUNICATION

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|-------------------|---|
| IrDA | Standard v1.2 |
| USB | Hi-Speed USB 2.0 (up to 480mbps) |
| WPAN | Bluetooth v1.2 |
| WLAN | Optional Summit IEEE 802.11b/g or 802.11a/b/g; Cisco CCX v4 certified |
| Wireless Security | Authentication: EAP (TLS, PEAP-MSCHAPv2, PEAP-GTC, PEAP-TLS, TTLS, EAP-FAST, LEAP) or PSK Encryption: WPA2 (AES-CCMP), WPA (TKIP), WEP - 40 bit and 128-bit keys |

ACCESSORIES

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|---------------------------|-------------------------|----------------------|
| Single-Slot Cradle Kit | RFID Reader | Stylus 5-Pack |
| Four-Slot Cradle Kit | Cable Cup | Stylus Tether |
| Modem Cradle Kit | Vehicle Charger | Nylon Holster |
| Extended Capacity Battery | Syncing/Charging Cables | Adjustable Handstrap |
| Magnetic Stripe Reader | Battery Charger | Operating Case |

SAFETY/REGULATORY

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|---------------------|---|
| Safety | CSA C22.2 No. 60950-1-03, EN60950-1:2001+A11 |
| EMI | FCC Part 15 Subpart B, EN55022:1998+A1:2000+A2:2003, EN55024:1998+A1:2000+A2:2003, ICES-003 Issue 4, AS/NZS CISPR 22:2006 |
| RF | FCC Part 15 Subpart C and Subpart B, EN300 328 v1.6.1 (2004-11), EN301 489-1 v1.6.1 (2005-09), EN301 489-17 v1.2.1 (2002-08), RSS 210 Issue 6, AS/NZS 4268:2008 |
| Hazardous Locations | UL Listing (US and Canada) Class I Div 2, Groups A, B, C, D |