

# XP30 Series specifications



## TECHNICAL

|                  |  |
|------------------|--|
| Operating System | Palm OS 5.4.9 Garnet   |
| Processor        | Freescaler™ i.MX21 @266MHz   |
| Memory           | 32MB SDRAM, 64MB NAND, NAND flash backup of OS, applications and user data                       |
| Expansion        | User accessible microSD card slot  |
| Power            | Swappable 3.7V 2000mAh rechargeable Li-ion main battery; rechargeable 20mAh Ni-MH backup battery |

## PHYSICAL

|             |   |
|-------------|---|
| Dimensions  | 1.20" H x 3.11" W x 5.75" L / 30.5mm H x 79mm W x 146mm L               |
| Weight      | 9.88oz / 280g with battery  |
| Keypad      | Backlit PDA keypad (with 4-way navigation) or backlit numeric keypad    |
| Display     | 2.17" W x 2.95" L / 55.0mm W x 75.0mm L; 262K colors TFT QVGA (240x320) |
| Touch Panel | Analog resistance type; stylus input                                    |

## ENVIRONMENTAL

|                                |  |
|--------------------------------|--|
| 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 <sup>2</sup> /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

|                |                                       |
|----------------|---------------------------------------|
| 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 Symbolologies                            | 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 Symbolologies<br>(with firmware upgrade) | 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

|      |                                   |
|------|-----------------------------------|
| IrDA | Standard v1.2                     |
| USB  | v1.1 client (up to 12Mbps)        |
| WLAN | IEEE 802.11b, 2.4GHz, WPA support |

## ACCESSORIES

|                           |                         |                      |
|---------------------------|-------------------------|----------------------|
| 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

|                     |   |
|---------------------|---|
| Safety              | UL60950-1, CSA C22.2 No. 60950-1-03, EN60950-1:2001+A11, GS, NOM  |
| 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 22:2004                            |
| RF                  | FCC Part 15 Subpart C and Supart 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, COFETEL |
| Hazardous Locations | UL Listing (US and Canada) Class I Div 2, Groups A, B, C, D   |