

XG Series specifications



TECHNICAL

Operating System	Microsoft Windows Mobile 6.1 or Microsoft Windows CE 6.0
Processor	Marvell XScale PXA320 @624MHz
Memory	256MB DDR SDRAM, 256MB NAND Flash ROM
Expansion	User accessible microSD card slot
Power	Swappable 7.4V 2500mAh rechargeable Li-ion; hot swap and orderly shutdown; rechargeable 80mAh Ni-MH backup battery

PHYSICAL

Dimensions	7.24" H x 3.51" W x 9.07" L / 183.78mm H x 89.05mm W x 230.44mm L
Weight	24.3oz / 689g with battery
Keypad	Backlit 42-key and 52-key including terminal emulation keypads (5250, 3270, VT)
Display	3.7" Color TFT QVGA (240x320); 262K colors
Touch Panel	Analog resistance type; stylus input

ENVIRONMENTAL

Operating Temperature	14° to 122°F / -10° to 50°C
Storage Temperature	-40° to 158°F / -40° to 70°C
Humidity	5% to 90% RH (no condensation)
Drop	Multiple 6ft / 1.8m drops to concrete on all sides across a wide temperature range
Tumble	2,000 tumbles at room temperature (4,000 hits)
Water & Dust	IP64
Vibration	0.03 G ² /Hz from 20Hz to 2kHz; 1 hour random wave per axis
Electro Static Discharge (ESD)	+/- 15kVDC air; +/- 8kVDC contact

INTERFACE FEATURES

Audio	Speaker and Microphone
Alerts	Vibration, LED indicators, full audio
LED Indicators	Tri-color indicators at top, rear and bottom
Scan Triggers	Pistol-grip trigger (located on handle)

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, Interleaved 2 of 5, ISBT 128, Matrix 2 of 5, Korea Post, MSI, Plessey Code, PosiCode, Reduced Space Symbology (RSS-144, RSS Limited, RSS Expanded), 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, Data Matrix, ID-tag (UPU 4-State), Japanese Post, KIX (Netherlands) Post, MaxiCode, OCR, Planet Code, Postnet, QR Code

DATA COMMUNICATION

USB	v2.0 client (full speed), v2.0 host
WPAN	Bluetooth v2.0
WLAN Hardware	Summit IEEE 802.11b/g radio, 2.4GHz; Cisco CCX v4 certified
Wireless Security	WPA-PSK, WPA2-PSK, AES, LEAP, PEAP (MS-CHAPv2), PEAP-TLS, TKIP, EAP-TLS, WEP 40-bit, WEP 128-bit

SOFTWARE & DEVELOPMENT

Janam XG100 SDK	Soti MobiControl	Microsoft Visual Studio
Summit WLAN SDK	Pragma Systems SSN	Stay-Linked Ready™
Summit Client Utility (SCU)	Odyssey AppCenter	

ACCESSORIES

Single-Slot Cradle Kits	Syncing/Charging Cables	Adjustable Handstrap
Four-Slot Cradle Kits	DEX Cable	Stylus 5-Pack
Battery Charger Kit	Stylus Tether	Holster

SAFETY/REGULATORY

Safety	UL60950-1, CSA C22.2 No. 60950-1, EN60950-1, IEC60950-1, IEC60825-1, Laser Class 2+CDRH
EMI	FCC Part 15 Class B, EN55022 Class B (CE:EMC), EN55024 (CE:EMC), ICES-003 Class B, AS/NZS CISPR 22 (C-Tick), NOM
RF	FCC Part 15.247, ETS 300 328, AS/NZS 4771, IC RSS102, IC RSS210