



▣ Performance Characteristics

Section	Description
CPU	Intel Bulverde PXA270 520 MHz processor
Operating System	Microsoft Windows CE 5.0
Memory	128MB RAM/128MB ROM (Max 256MB)
Interface/Communications	RS-232, USB 1.1, Bluetooth Class V1.2, IrDA1.1

▣ Wireless LAN Data Communications

Section	Description
Wireless Local Area	IEEE 802.11 b/g
Antenna	Internal for LAN
Bluetooth	Class II, v1.2
CDMA	CDMA 1x 2000

▣ Data Capture Specifications

Section	Description
Options	2D image standard /1D Laser Option

▣ 2D Imager Engine Specifications

Section	Description
Image Sensor	752 X 480 CMOS sensor
Rotational Sensitivity	360
Viewing Angle	+/-40
Motion Tolerance	10.2cm per second
Ambient Light	Total darkness to 100,000 lux (full sunlight)
Shock	18 shocks of 3,500G for 0.5msec at 23 C
Aiming Element(Laser)	650 nm +/- 10nm
Illumination Element(LED)	626 nm +/- 30nm

▣ Physical Characteristics

Section	Description
Dimensions	17.5cm L x 7.4cm W x 2.3cm (3.2cm) H
Weight	Standard configurations - 380g
Display	3.5 QVGA with backlight, TFT-LCD, 256K colors 240 W x 320 L (QVGA size)
Touch Panel	Glass analog resistive touch
Main Battery	Lithium Ion 3.7V, 4400mAh (rechargeable)
Backup Battery	Li-ion Polymer battery (rechargeable) 200mAh 3.7V
Expansion Slot	1 SD slot (with secure cover), 1 Compact Flash / slot
Network Connection	Ethernet (via cradle); USB, host & client
Notification	Vibrator and Led
Keypad Options	24+1 Alphanumeric key, 2 scanner buttons, Power button
Audio	Speaker, headset jack
▣ User Environment	
Section	Description
Operating Temperature	-20°C to 50°C
Storage Temperature	-30°C to 60°C
Humidity	95% non-considering
Drop Specification	concrete 1.5M drop to concrete, 6 drops per 6 sides 3 angles over operating temperature range
IP65 Sealing	Dust & water proof
▣ Peripherals and Accessories	
Section	Description
Cradles	Single-slot serial/USB with spare battery charging for standard and extended batteries
Communication and Charging Cables	Syncable (24pin&USB v1.1) power/charging cable
Vertical-specific and attachments	Snap-on magnetic stripe reader & 2" thermal printer
▣ RFID	
Section	Description
Frequency	866MHz ~ 956MHz(adjustable to Japan and Europe frequency)
Reading range	Maximum 4m(differs from every each tags)
Write range	gets 50% range from its reading range
Communication	WLAN, Bluetooth, USB, IrDA1.1, RS-232C
RF output	1W EIRP
Protocol	ISO 18000-6B, EPC Gen2
Special function	Provided with Anti Collision, can adjust RF power level