

H-21

Windows Mobile Terminal

HIGHLIGHTS

Windows Mobile 6.5
Bluetooth 2.1 + EDR
WiFi, 802.11 b/g
Integrated AGPS
1.5 m drop proof
IP 64



H-21

Basic product specifications

OPERATION

CPU: Qualcomm MSM7225 528 Mhz **O/S:** Microsoft® Windows Mobile® 6.5

MEMORY

NAND FLASH: 256 MB **RAM:** 256 MB **EXPANSION:** User accessible microSD + HC

DISPLAY

TYPE: Graphic Transflective TFT LCD with touch panel, 16-bit color with adjustable backlight **SIZE:** 2.8", 480 x 640 pixels **MODE:** Portrait / Landscape

OPERATING INDICATORS

VISUAL: 2 LEDs (red/orange/green/blue) **NON-VISUAL:** Vibrate, Buzzer

OPERATING KEYS

ENTRY OPTIONS: 12 (alpha)numeric OR QWERTY keyboard navigation key (scroll + select), function keys, control keys, 1 power key, 2 hot keys, 2 phone keys, 1 camera key, reset key, volume key, 2 scan keys

COMMUNICATION

USB: OTG, client and host **IRDA:** Ver. 1.3, 2400 bps - 115.2 kbps (SIR), 576 kbps - 1.152 Mbps (MIR) **BLUETOOTH:** Ver. 2.1 + EDR, class 2 **W-LAN:** WiFi, IEEE.802.11b/g **TELECOM:** GPRS/EDGE (quad-band 850/900/1800/1900), 3G UMTS (WCDMA band 1,II,V,VI), 3.5G UMTS (HSDPA 7.2M / HSUPA 5.76 M) **GPS:** Integrated AGPS **AUDIO:** Speaker/microphone (mono), headset connector (stereo) **EXTENSION:** User accessible microSD I/O

POWER

RECHARGEABLE BATTERY: Lithium-Ion 3.7V 3060mAh **BACKUP BATTERY:** 6mAh **CHARGING METHOD:** Enclosed power supply, separate car charging adapter, separate cradle

CAMERA

COLOR CAMERA: 3.2 megapixels, auto-focus, LED flash

BARCODE SCANNER OPTICS

LIGHT SOURCE: 650 nm visible laser diode **SCAN RATE:** 100 scans/sec

READING PITCH ANGLE: -35 to 0°, 0 to +35° **READING SKEW ANGLE:** -50 to -8°, +8 to +50° **READING TILT ANGLE:** -20 to 0°, 0 to +20° **CURVATURE:** R>15 mm (EAN8), R>20 mm (EAN13) **MIN. RESOLUTION AT PCS 0.9:** 0.127 mm / 5 mil **MIN. PCS VALUE:** 0.45 **DEPTH OF FIELD:** At PCS 0.9, Code 39, 65 - 645 mm / 2.56 - 25.39 in (1.0 mm / 39 mil), 45 - 415 mm / 1.77 - 16.34 in (0.5 mm / 20 mil), 45 - 255 mm / 1.77 - 10.04 in (0.25 mm / 10 mil), 45 - 145 mm / 1.77 - 5.71 in (0.15 mm / 6 mil), 55 - 115 mm / 2.17 - 4.53 in (0.127 mm / 5 mil)

SUPPORTED SYMBOLOGIES (BARCODE SCANNER OPTICS)

BARCODE (1D): JAN/UPC/EAN incl. add on, Codabar/ NW-7, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey **POSTAL CODE:** Chinese Post, Korean Postal Authority code **2D CODE:** Composite Codes, MicroPDF417, PDF417

2D IMAGER OPTICS

LIGHT SOURCE: Aiming laser diode, illumination LEDs **SCAN METHOD:** CMOS area sensor, 900 x 512 pixels, gray scale **SCAN RATE:** Up to 80 fps,

after auto-focus activation (100 ms after triggering) **IMAGE FORMAT:** Bitmap, JPEG **READING PITCH ANGLE:** -50 to 0°, 0 to +50° **READING SKEW ANGLE:** -50 to 0°, 0 to +50° **READING TILT ANGLE:** 360° **MIN. RESOLUTION AT PCS 0.9:** 0.127 mm / 5 mil Min. **PCS VALUE:** 0.45 **FIELD OF VIEW:** Horizontal 40°, Vertical 23° **DEPTH OF FIELD:** At *QR Code* and Code 39, *45 - 65 mm / 1.77 - 2.56 in (0.127 mm / 5 mil)*, *45 - 230 mm / 1.77 - 9.06 in (0.381mm / 15 mil)*, 45 - 110 mm / 1.77 - 4.33 in (0.127 mm / 5 mil), 50 - 260 mm / 1.97 - 10.24 in (0.254 mm / 10 mil), 120 - 1000 mm / 4.72 - 39.37 in (1.0 mm / 39 mil)

SUPPORTED SYMBOLOGIES (2D IMAGER OPTICS)

BARCODE (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey **POSTAL CODE:** Chinese Post, Korean Postal Authority code **2D CODE:** Aztec Code, Aztec Runes, Codablock F, Composite codes, Data Matrix (ECC200/EC0-140), Maxi Code (mode 2-5), MicroPDF417, Micro QR Code, PDF417, QR code

DURABILITY

TEMPERATURE IN OPERATION: -10 to 50 °C / 14 to 122 °F **TEMPERATURE IN STORAGE:** -40 to 60 °C / -40 to 140 °F **HUMIDITY IN OPERATION:** up to 90% (non-condensing) **HUMIDITY IN STORAGE:** up to 90% (non-condensing) **DROP TEST:** 1.5 m / 5 ft drop onto concrete surface **PROTECTION RATE:** IP 64

PHYSICAL

DIMENSIONS (W X H X D): 67 x 135 x 22 mm / 2.64 x 5.31 x 0.87 in **WEIGHT**

BODY: Ca. 235 g / 8.3 oz (incl. battery) **CASE:** Black

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, FCC, VCCI, PTCRB, GCF, RoHS, JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II

ENCLOSED ITEMS

USB AC Adapter, Standard battery Lithium-Ion 3060 mAh, USB cable, Leather case, Wrist strap, Ear microphone, Screen protector, Getting started disc, Stylus + Cord

SOLD SEPARATELY

CRD-21: USB OTG, Active Sync, charging **CAR HOLDER KIT**

