

H25 2D



> HIGHLIGHTS

2D CMOS imager with auto-focus



Windows CE 6.0



WiFi, IEEE 802.11 b/g



Bluetooth Ver. 2.1

Fast processor

IP 65



H25 2D

> BASIC PRODUCT SPECIFICATIONS

OPERATION

CPU: Marvell® PXA310 32-bit RISC 624Mhz, **O/S:** Windows CE 6.0 Professional,
SOFTWARE: Wordpad, Internet Explorer, Remote Desktop, Opticon Barcode control

MEMORY

FLASHROM: 256 MB, **RAM:** 256 MB, **EXPANSION:** User accessible Micro-SD

DISPLAY

TYPE: Transmissive Graphic TFT with 4-wire resistance touch panel, with adjustable backlight **SIZE:** 2.8", 240 x 320 pixels **MODE:** Portrait

OPERATING INDICATORS

VISUAL: 2 LEDs (red/green scanning indication & charging indicator) **NON-VISUAL:** Buzzer

OPERATING KEYS

ENTRY OPTIONS: 25 key total, 22 backlit keys, 12 (alpha)numeric keys, 4 navigation keys, function keys, 1 power key, 3 scan keys

COMMUNICATION

USB: Ver. 2.0, client version **BLUETOOTH:** ver. 2.1, Class II **W-LAN:** 802.11 b/g

POWER

RECHARGEABLE BATTERY: Lithium-Ion 3.7V 1840mAh **HIGH-CAPACITY BATTERY:** Optional 3.7V 2760mAh **BACKUP BATTERY:** 1 integrated rechargeable backup battery **CHARGING METHOD:** Enclosed power supply (with microUSB), separate cradle (CRD25) or separate battery charger

2D IMAGER OPTICS

LIGHT SOURCE: Aiming laser diode, illumination LEDs **SCAN METHOD:** CMOS area sensor, 900 x 512 pixels **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 45 - 65 mm / 1.77 - 2.56 in (0.127 mm / 5 mil), 45 - 250 mm / 1.77 - 9.84 in (0.381mm / 15 mil), **DEPTH OF FIELD:** At Code 39 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

BARCODE (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, GS1-128 (EAN-128), 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 **2D CODE:** Aztec Code, Aztec Runes, Codablock F, Composite codes, Data Matrix (ECC200/ECO-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:** -20 to 60 °C / -4 to 140 °F **HUMIDITY IN STORAGE:** 5 - 95% (non-condensing) **DROP TEST:** 1.2 m / 4 ft drop onto concrete surface **PROTECTION RATE:** IP 65

PHYSICAL

DIMENSIONS (W X H X D): 62 x 144 x 26.2/43 mm / 2.44 x 35.67 x 1.03/1.69 in

WEIGHT BODY: Ca. 232 g / 8.2 oz (incl. battery) **CASE:** Black

REGULATORY & SAFETY

PRODUCT COMPLIANCE: CE, UL/CUL, ROHS, EMC, WEEE

ENCLOSED ITEMS

Power supply, Standard battery 3.7V 1840mAh, Handstrap, Stylus + Cord, Installation guide

SOLD SEPARATELY

CRD25 CRADLE: Communication, charging, **HIGH-CAPACITY BATTERY:** Lithium-Ion 3.7V 2760mAh **HOLSTER**