H-27 Android Enterprise Terminal

HIGHLIGHTS

- Qualcomm Dual Core - 1.5GHz
- Android 4.2.2
- 4.3" Display with Gorilla glass v2 and Anti-reflective coating
- 5.0 MP, camera with Auto Focus and Flash LED
- Bluetooth 4.0
- WiFi, 802.11 a/b/g/n
- HSPA+ with Data and Voice
- NFC
- Hotswap
- IP65
- 1.5 m
- Drop proof

OPTICON

H-27

› BASIC PRODUCT SPECIFICATIONS

OPERATION

CPU: Qualcomm MSM8960 Dual core Krait 1.5GHz O/S: Android 4.2.2

MEMORY

EMMC: 8G SDRAM: DDR2 1GB EXPANSION: microSD up to 32GB

DISPLAY

TYPE: TFT LCD, capacitive touch panel, color screen SIZE: 4.3", 800 x 480 pixels PROTECTION Gorilla glass v2 COATING Anti-reflective

OPERATING INDICATORS

VISUAL: 2 LEDs (red/green) NON-VISUAL: Vibrate

OPERATING KEYS

1 power key, 2 volume keys, 2 scan keys, 4 Android navigation keys

COMMUNICATION

BLUETOOTH: 4.0 W-LAN: WiFi, IEEE.802.11 a/b/g/n WWAN: 2G (850/900/1800/1900), 3G (850/900/1700/1900/2100) WWAN DATA: GPRS, EDGE, HSPA+ ETHERNET: via USB-to-Ethernet adapter (supported USB-to-Ethernet chip-sets AX8817x, AX88178, AX88178A, AX88772, RTL8150) NFC: NFC-A (ISO14443-3A), NFC-B (ISO14443-3B), NFC-F (JIS 6319-4), isoDep (ISO 14443-4), NFC Forum Tag Types 1, 2, 3, 4, iSO18092, NFC-V (iSO15693), MiFARe Classic, MiFARe Ultralight, nDeF on MiFARe Classic GPS: integrated GPS and GLONASS AUDIO: Speaker/receiver /microphone/3.5 mm headset (CTIA)/Bluetooth (HSP, HFP, A2DP) USB: micro USB OTG, System connector with USB OTG and charging

SENSORS

Accelerometer, Magnetometer, Gyroscope, Photometer, Proximity

POWER

MAIN BATTERY: Lithium-Ion 3.7V 2860mAh BACKUP BATTERY: Lithium Polymer 3.7V, 80mA for main battery hotswap OPERATING TIME: 8 hours (LCD on, 3G on), standby time 325 hours BATTERY CHARGING TIME: 2-2.5 hours CHARGING TECHNOLOGY: Qualcomm Quickcharge 1.0

CAMERA

REAR FACING CAMERA: 5 MP, auto-focus, flash LED

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 (EAN8), R>20 (EAN13) MIN. PCS VALUE: 0.45 DEPTH OF FIELD: At PCS 0.9, Code 39, 70 - 650 mm / 2.76 - 25.59 in (1.00 mm / 39 mil), 50 - 420 mm / 1.97 - 16.54 in (0.5 mm / 20 mil), 50 - 260 mm / 1.97 - 10.24 in (0.25 mm / 10 mil), 50 - 150 mm / 1.97 - 5.91 in (0.15 mm / 6 mil), 60 - 120 mm / 2.36 - 4.72 in (0.127 / 5 mil)

SUPPORTED SYMBOLOGIES BARCODE SCANNER

BARCODE (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, ISBN, Industrial 2of5, Interleaved 2of5, Matrix 2of5, MSI/Plessey, Telepen POSTAL CODE: Chinese Post, Korean Postal Authority code 2D CODE: Composite Codes, MicroPDF417, PDF417

2D IMAGER OPTICS

LIGHT SOURCE: Aiming green LED, illumination LEDs SCAN METHOD: CMOS area sensor, 752 x 480 pixels, gray scale SCAN RATE: Up to 60 fps IMAGE FORMAT: Windows Bitmap, JPEG, TIFF GRADULATION: 256, 16, 2 IMAGE OUTPUT MODE: 4 resolutions (full, 1/2, 1/3, 1/4), 2 ranges (horizontal, vertical) READING PITCH ANGLE: -50 to 0˚, 0 to +50˚ READING SKEW ANGLE: -50 to 0˚, 0 to +50˚ READING TILT ANGLE: 360˚ CURVATURE: R>16 mm (10-digit Codabar), R>20 mm (12-digit UPC) MIN. RESOLUTION AT PCS 0.9: 0.169 mm / 7 mil at PDF417, 0.212 mm / 8 mil at QR Code and DataMatrix MIN. PCS VALUE: 0.3 FIELD OF VIEW: Horizontal 40.6˚, Vertical 26.4˚ DEPTH OF FIELD: At Code 39, 85 - 125 mm / 3.35 - 4.92 in (0.127 / 5 mil), 65 - 205 mm / 2.56 - 8.07 in (0.254 mm / 10 mil), 60 - 295 mm / 2.36 - 11.61 in (0.508 mm / 20 mil DEPTH OF FIELD: At QR Code, 90 - 115 mm / 3.54 - 4.53 in (0.212 mm / 8.4 mil), 55 - 195 mm / 2.17 - 7.68 in (0.381 mm / 15 mil)

SUPPORTED SYMBOLOGIES 2D IMAGER

BARCODE (1D): UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-on, EAN-8, EAN-8 Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar (NW-7), Industrial 2 of 5, Interleaved 2 of 5, S-Code, IATA, Code 93, Code 128, MSI/Plessey, UK/Plessey, TELEPEN, Matrix 2of5, Code 11, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Composite GS1-DataBar, Composite GS1-128, Composite EAN, Composite UPC POSTAL CODE: Chinese Post, Korean Postal Authority code 2D CODE: PDF417, MicroPDF417, Codablock F, QR Code, Micro QR Code, DataMatrix (ECC 0 - 140 / ECC 200), MaxiCode (Modes 2 to 5), Aztec Code, Han Xin Code (Chinese Sensible Code)

DURABILITY

TEMPERATURE IN OPERATION: -10 to 50 ˚C / 14 to 122 ˚F TEMPERATURE IN STORAGE: -20 to 70 ˚C / -4 to 158 ˚F (without battery) HUMIDITY IN OPERATION: 5 - 95% (non-condensing) HUMIDITY IN HUMIDITY: 5 - 95% (non-condensing) DROP TEST: 1.5 m / 5 ft drop onto concrete surface PROTECTION RATE: IP65

PHYSICAL

DIMENSIONS (W X H X D): 77 x 147 x 19 mm / 3.03 x 5.79 x 0.75 in WEIGHT BODY: Ca. 244 g / 8.5 oz (incl. battery) CASE: Black

ENCLOSED ITEMS

BATTERY, POWER ADAPTER, EAR PHONE, USB to DC cable, USB Cable, QUICK START GUIDE

SOLD SEPARATELY

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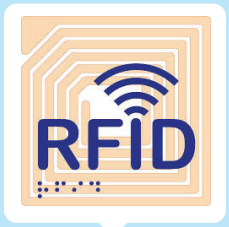

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