

# H-32

## HIGHLIGHTS



- Windows Embedded Compact 7
- 2.8" QVGA touch screen
- Bluetooth V2.1 + EDR
- WiFi, IEEE 802.11 a/b/g/n
- 1.5 meter drop proof
- USB, OTG
- IP 54

# H-32

## Basic product specifications

### OPERATION

**CPU:** AM3354 ARM Cortex A8, 800 MHz **O/S:** Windows Embedded Compact 7 **SOFTWARE:** Wordpad, Internet Explorer, Active Sync, Opticon scanner application, Upgradeable via integrated microSD card slot **RTC:** Supports year, month, day, hour, minute, second (leap year supported)

### MEMORY

**NAND FLASH:** 256 MB **RAM:** 256 MB mobile DDR2 **EXPANSION:** User accessible MicroSDHC

### DISPLAY

**TYPE:** Transflective QVGA with touch panel, with white LED backlight  
**SIZE:** 2.8", 240 x 320 pixels **MODE:** Portrait

### OPERATING INDICATORS

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

### OPERATING KEYS

**ENTRY OPTIONS:** 26 keys total, 12 key (alpha)numeric keypad, 4-way navigation keys, function key, backspace key, power key, Enter key, Alpha key, Escape key, Shift key, 3 scan keys,

### COMMUNICATION

**USB:** Micro USB OTG, ver. 2.0 **BLUETOOTH:** Ver. 2.1 + EDR **W-LAN:** 802.11 a/b/g/n; WEP, WPA, WPA2; WEP, TKIP, AES; Static (40 and 128 bit), PSK (Pre-Shared), Dynamic; EAP, PEAP, LEAP; Cisco CCX version 4 **AUDIO:** Speaker  
**EXTENSION:** User accessible microSD I/O

### POWER

**RECHARGEABLE BATTERY:** Lithium-Ion 3.7V 1800mAh (sold separately)  
**BACKUP BATTERY:** fixed rechargeable Lithium-Ion 15mAh **CHARGING METHOD:** Through Micro USB cable (enclosed item) or cradle (sold separately)

### 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 (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

### 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 OPERATION:** 20% to 80% RH **HUMIDITY IN STORAGE:** 20% to 90% RH **DROP TEST:** 1.5 m / 5 ft drop onto concrete surface **PROTECTION RATE:** IP 54

### PHYSICAL

**DIMENSIONS (W x H x D):** 64.8 x 145.7 x 26.8 mm / 2.55 x 5.74 x 1.06 in  
**WEIGHT BODY:** Ca. 195 g / 6.9 oz (incl. battery) **CASE:** Black

### REGULATORY & SAFETY

**PRODUCT COMPLIANCE:** CE, FCC, RoHS, IEC 60825-1 Class 2, FDA CDRH Class II

### ENCLOSED ITEMS

USB cable, Handstrap, Quick start guide, Stylus + cord

### SOLD SEPARATELY

**RECHARGEABLE BATTERY:** 3.7V 1800mAh **CRD-32:** Single USB/RS232 cradle, communication, charging **CRD-32-E5:** Multi-cradle, 5 slots, Ethernet communication, charging **HOLSTER**

