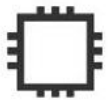


# Long range Android PDA handheld reader VH-D86G



## characteristic:



Qualcomm CPU  
**SM 6115**  
2.0GHz Octa Core



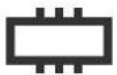
Read Distance  
**> 14m**  
4.5dBi antenna



Drop Spec.  
**1.2m**



Sealing Standard  
**IP67**



Memory  
**4GB/64GB**



Weight  
**567g**



Scan Engine  
**Dual ISP**  
ME5066/SE4770/N6703/CM60



Replaceable Battery  
**10000mAh**  
Hot Swap



Retail



Warehouse



Logistics



Field Service

## 规格参数:

<b>Model No.</b>	<b>VH-D86G</b>
<b>User Environment</b>	
Operating Temp.	-20~50°C
Storage Temp.	-40~60°C
Charging Temp.	0~45°C
Humidity	5%~95% (non-condensing)
Sealing Standard	IP67
Drop Specification	multiple 1.2 m drops to tile over concrete at room temperature without protective boot
Tumble Specification	600 drops (300 cycles) 0.5m tumbles at room temperature without protective boot
ESD	+/-8KV direct discharge, +/-15KV air discharge
UHF	<ul style="list-style-type: none"> <li>▪ Frequency: 902~928MHz, 865~868MHz (Optional)</li> <li>▪ Engine: Based on Impinj E710</li> <li>▪ Protocol: EPC Global UHF Class 1 Gen 2/ ISO 18000-6C/ISO 18000-6B</li> <li>▪ UHF Antenna: 4.5dBi air dielectric antenna</li> <li>▪ Sensitivity: &lt; -85dBm</li> <li>▪ Output Power: 0~33dbm</li> <li>▪ Read Distance: &gt; 14m</li> <li>▪ Peak Inventory Speed: &gt; 900pcs/s</li> <li>▪ Supported Regions: China, Korea, Malaysia, Japan US, Canada and other regions following U.S. FCC Europe and other regions following ETSI EN 302 208</li> </ul>
<b>Physical Characteristics</b>	
Dimensions	173.5 (H)×77.4(W)×25(T)mm 6.83(H)×3.05(W)×1.0 (T)inch
Weight	20 oz./567 g
Display and Panel	<ul style="list-style-type: none"> <li>▪ 6 in. 2160(H)×1080(W) FHD+ (450nit) industrial-grade IPS display</li> <li>▪ Corning® Gorilla® Glass</li> <li>▪ Capacitive touch panel, Support Water &amp; Gloves Touch Mode</li> </ul>
Keys and Buttons	<ul style="list-style-type: none"> <li>▪ Front key: 3 touch soft keys</li> <li>▪ Side key: Scan key left and right, volume key up and down, power key and one function key (programmable)</li> </ul>

Indicators and Notifications	<ul style="list-style-type: none"> <li>2x Multi-color LEDs supported (1x green/red LEDs, 1x green/blue LEDs)</li> <li>Audible tone</li> <li>Vibration</li> </ul>
Expansion Slots	<ul style="list-style-type: none"> <li>One user accessible micro SD Memory slot with SDHC compliance, 512GB</li> <li>Two user accessible Nano SIM slots or one Nano SIM slot and one eSIM (Optional).</li> <li>1x PSAM</li> <li>USB 2.0 (type-C) support USB OTG</li> <li>Support DC in 5V/3A</li> <li>Extend pogo pin (4Pin) DCIN, GND, USB DP, USB DM DCIN &amp; GND: Current rating: 3A</li> </ul>
Battery	<ul style="list-style-type: none"> <li>Removable &amp; Rechargeable 3.85V 10000mAh Li-ion Polymer battery pack</li> <li>Warm Swap battery mode up to ten minutes</li> </ul>
Power Adapter	<ul style="list-style-type: none"> <li>100~240Vac, 50/60Hz Input</li> <li>9V/2A 18W output</li> </ul>

### Network Connection

Wireless PAN	Bluetooth 5.1
Wireless LAN	<ul style="list-style-type: none"> <li>IEEE 802.11 ac/a/b/g/n/ax ready/d/e/h/i/j/k/r/v/w (2.4G/5G Dual band Wi-Fi)</li> <li>Compliant with WEP, WPA/WPA2-PSK, WAPI, WAPI-PSK</li> <li>EAP: EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-</li> <li>TDD-LTE(B34/B38/B39/B40/B41)</li> <li>FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B17/B19/B20/B25/B26/B28A/B28B/B30/B66)</li> </ul>
Wireless WAN	<ul style="list-style-type: none"> <li>WCDMA(B1/B2/B4/B5/B6/B8/B9/B19)</li> <li>TD-SCDMA(B34/B39)</li> <li>CDMA2000 1x EV-DO Rev.A BC0 (800MHz)</li> <li>CDMA 1x</li> <li>GSM/EDGE/GPRS(850/900/1800/1900)</li> </ul>
GPS	GPS, Glonass, Beidou, Galileo

### Data Capture

Scan Engine	<ul style="list-style-type: none"> <li>Honeywell: N6703/N6603/HS7</li> <li>Zebra: SE4770/SE4720/SE4710</li> <li>MinDeo: ME5066/ME8600</li> <li>Newland: CM60</li> </ul>
Camera	<ul style="list-style-type: none"> <li>Front camera : 5M pixel CMOS color camera</li> <li>Rear camera : 13M pixels CMOS color camera with PDAF</li> <li>LED flash light with torch</li> </ul>

NFC (Optional)	High RF output power; ISO15693, ISO14443A/B, MIFARE: Mifare S50, Mifare S70, Mifare UltraLight, Mifare Pro, Mifare Desfire, FeliCa Supported cards
Sensor	Light sensor, Proximity sensor, Accelerator sensor, e- Compress, Gyroscope, Fingerprint Sensor(Optional)

### Accessories

- |             |  |
|-------------|--|
| Accessories | <ul style="list-style-type: none"><li>▪ Adapter</li><li>▪ USB Charging Cable (Type C)</li><li>▪ Spare Battery (Optional)</li><li>▪ Cradle (1 Terminal) (Optional)</li><li>▪ Cradle (4 slot for Battery)(Optional)</li><li>▪ OTG Cable (Optional)</li><li>▪ Pistol-grip trigger handle (Optional)</li></ul> |
|-------------|--|