

MT90 Orca

Android Smartphone PDA

Performance	Processor	1.3GHz quad-core 64-bit processor	
	Operating System	Android 5.1 (64-bit)	
	Memory	2GB RAM, 16GB ROM	
	Interface	Micro USB 2.0 OTG, Battery charging over USB supported	
Physical	Dimensions	155(L) × 78.5(W) × 20.5(H)mm	
	Weight	260g (including battery)	
	Display	5" (1280×720) capacitive touch screen	
	Keypad	10 keys (side keys included)	
	Notification	Vibrator, speaker and multi-color LEDs	
	Battery	3.8V, 4500mAh	
	Expected Battery Life	10 hours	
	Expected Charge Time	<5 hours (charge via AC adapter)	
	Camera	13 megapixels, auto focus, with LED flashlight	
	GPS	GPS (AGPS), Beidou	
	Expansion	Micro SD card (max. 32GB) slot	
	AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz	
Environmental	Operating Temperature	-20℃ to 55℃ (-4°F to 131°F)	
	Storage Temperature	-30℃ to 70℃ (-22°F to 158°F)	
	Humidity	5% to 95% (non-condensing)	
	Static Discharge	±15 kV (air discharge), ±8 kV (direct discharge)	
	Drop	1.5m drops to concrete (for six sides, one drop per side)	
	Sealing	IP67	
Barcode Scanning	2D scanner	CMOS(≥5mil)	1D: Code 128, UCC/EAN-128, AIM 128, EAN-8, JAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 25, ITF-6, ITF-14, Deutsche 14, Deutsche 12, COOP 25, Matrix 25, Industrial 25, Standard 25, Code 39, Codabar/NW7, Code 93, Code 11, Plessey, MSI/Plessey, GS1 Databar. 2D: PDF417, QR Code, Data Matrix, Chinese Sensible Code, etc.
RFID	13.56MHz RFID	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693	
Wireless	WLAN RADIO	IEEE 802.11 a/b/g/n, 2.4GHz and 5GHz	
	WWAN RADIO	2G	GSM/GPRS/EDGE (900/1800MHz)
		3G	WCDMA (B1, B8); CDMA2000 1X/ EV-DO Rev. A (BC0); TD-SCDMA (B34, B39)
		4G	TD-LTE (B38, B39, B40, B41) FDD-LTE (B1, B3)
	WPAN RADIO	Bluetooth 4.0 LE	
Optional Accessories	Charging cradle, battery, AC adapter, cable, wrist strap.		





Specifications are subject to change without notice.

Version: V1.0

Newland EMEA HQ
+31 (0) 345 87 00 33
info@newland-id.com

Newland D-A-CH
+49 (0) 6182 82916-16
info@newland-id.de

Newland France
+31 (0) 345 87 00 33
france@newland-id.com

Newland Benelux
+31 (0) 345 87 00 33
benelux@newland-id.com

Newland Ibérica
+34 (0) 93 303 74 66
info@newland-id.es

Newland Italy
+39 (0) 342 056 2227
italy@newland-id.com

Newland Nordic & Baltic
+46 (0) 708 847 767
nordic@newland-id.com

Newland UK
+44 (0) 1442 212 020
sales@newland-id.co.uk

Newland Russia
+31 (0) 345 87 00 33
russia@newland-id.com

Newland South Africa
+27 (0) 11 553 8010
info@newland-id.co.za

Newland Middle East
+31 (0) 345 87 00 33
middleeast@newland-id.com

Newland Turkey & Iran
+90 (0) 544 538 40 49
turkey@newland-id.com
iran@newland-id.com