

# MT65 Beluga II

Portable Data Collector



## Features

### ◆ Rugged construction.

The rugged housing of the Beluga II is sealed to IP65 standards for protection against dust and water and withstands 1.2m drops to concrete.

### ◆ Extended battery life.

The Beluga II provides up to 10 hours of battery life on the go.

### ◆ Superior barcode reading performance.

Armed with Newland's fifth-generation of UIMG technology, the Beluga II can decode even poor quality barcodes, such as soiled or wrinkled barcodes, with ease.

### ◆ Heavily customised Android.

The value-added features of the Beluga II, including application protection and admin tools, seek to shore up Android's data security.

### ◆ Diverse functionalities.

The MT65 Beluga II offers Bluetooth/Dual band Wi-Fi 2.4GHz and 5GHz/4G/3G/GPS/Camera functionalities to meet various application needs.

### ◆ Accessories.

For your convenience, MT65 Beluga II can be used with a pistol grip and a charging cradle.

### ◆ Current models released.

- MT6550-3W (1D CCD)
- MT6550-4W (2D CMOS)



## Application Scenarios

Logistics, express delivery services, warehouse management, retail chains, food traceability, healthcare, distributor management, manufacturing, electricity meter reading, inventory counting.

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<b>Performance</b>	Processor	1.3GHz quad-core 64-bit processor		
	Operating System	Android 5.1 (64-bit)		
	Memory	1GB RAM, 8GB ROM		
	Interface	Micro USB 2.0, Battery charging over USB supported		
<b>Physical</b>	Dimensions	166(L) ×73(W) ×26(H) mm		
	Weight	330g (including battery)		
	Display	4" WVGA (800×480) capacitive touch screen		
	Keypad	30 keys (side keys included) with backlight		
	Notification	Vibrator, speaker and multi-color LEDs		
	Battery	3.7V, 3700mAh		
	Expected Battery Life	10 hours		
	Expected Charge Time	4.5-5 hours (charge via AC adapter)		
	Camera	8 megapixels, auto focus, with LED flashlight		
	GPS	GPS		
	Expansion	Micro SD card (max. 32GB) slot		
	AC Adapter	Output: DC5V, 2.0A Input: AC100~240V, 50~60Hz		
	<b>Environmental</b>	Operating Temperature	-20°C to 50°C (-4°F to 122°F)	
Storage Temperature		-30°C to 70°C (-22°F to 158°F)		
Humidity		5% to 95% (non-condensing)		
Static Discharge		±15 kV (Air discharge), ±8 kV (Direct discharge)		
Drop		1.2m drops to concrete (for six sides, one drop per side)		
Sealing		IP65		
<b>Barcode Scanning</b>	1D Barcode	CCD (≥4mil) Laser (≥4mil)	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 Barcode	CMOS (≥5mil) with Laser Aimer	All major 1D symbologies, PDF417, QR Code, Data Matrix, etc	
<b>RFID Wireless</b>	13.56MHz RFID	ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693		
	WLAN RADIO	IEEE 802.11 a/b/g/n, 2.4GHz and 5GHz		
	WWAN RADIO	2G	GSM/GPRS/EDGE: B2, B3, B5, B8 (850/900/1800/1900MHz)	
		3G	WCDMA(B1, B2, B5, B8); CDMA2000 1X/ EV-DO Rev. A (BC0); TD-SCDMA(B34, B39)	
		4G	TD-LTE (B38, B39, B40, B41) FDD-LTE (B1, B3, B7, B20)	
WPAN RADIO	Bluetooth 4.0 LE			
<b>Optional Accessories</b>	Charging cradle, battery, AC adapter, cable, wrist strap, shoulder strap, scanner pistol grip, batch battery charger.			

\*Specifications are subject to change without notice.\*

Version: V2.0

For a complete listing of all supported barcode symbologies, please refer to the user guide.

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

**Newland D-A-CH**  
+49 (0) 294 298 76758  
info@newland-id.de

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

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

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

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

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

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

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

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