



**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 customized 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.

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



Pistol grip and charging cradle.

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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newland-id.com

Performance	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	
Physical	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	
Environmental	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	
Barcode Scanning	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
RFID Wireless	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	
Optional Accessories	Charging cradle, battery, AC adapter, cable, wrist strap, shoulder strap, scanner pistol grip.		

Specifications are subject to change without notice.

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

Version: V2.0

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