

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.

MT6550-1W (1D Laser)

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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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	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: 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, batch battery charger.			

Specifications are subject to change without notice.

Version: V2.0

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

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