Newland AIDC
SCANNING MADE SIMPLE

MT37 Baiji

Mobile Computers



1.2m drop | 1D & 2D | 2.83" screen | 3,300 mAh | 4G | Android 8.1

Bluetooth 5.0 | Dual-Band Wi-Fi | GPS | Ndevor | NFC | Touchscreen

USB-C | Warranty 2 Years



Features

Superior Scanning Capabilities.
MT37 Baiji's integrated 2D scan engine, equipped with Newland's 6th generation decoder chip, supports both 1D and 2D barcodes. The MT37 Baiji is set up to decode even damaged or poor-quality barcodes with ease and speed.

User-focused Ergonomics.
Made for high-demand operations, the MT37 Baiji renders a lightweight & ergonomic design to reduce fatigue during extended work sessions. The numeric keypad with some additional navigation buttons and a capacitive touch screen provides users with all the input choices they need.

Extended Battery Life.
The MT37 Baiji's 3300 mAh battery lasts up to 10 hours on a single charge. This enables you to get through your entire shift without re-charging or switching out devices.

Customized Android OS.
Built on Android 8.1 Go, the MT37 Baiji offers extended data security features, including Android's application protection and admin management tools.

Excellent Setup.
The MT37 Baiji is equipped with a Quad-Core processor, Android 8.1 Go OS, high-performance Dual-Band Wi-Fi, and Bluetooth 5.0 connection. Its rugged housing can withstand 1.2m drops to concrete.

DCAPP Software.
The MT37 Baiji comes with the pre-licensed Newland DCAPP by Sysdev. Newland's DCAPP is a ready-to-use app that allows you to collect, transfer, and export data simply. After installing the DCAPP via the Newland Installer, you can quickly start to collect data with 5 included pre-established templates of ready-to-be-used apps. It can then be synchronized with your PC or server to export the gathered data effortlessly.

2 Years Full Warranty | Ndevor NEWLAND SOFTWARE | SOTI MOBICONTROL | Ivanti Validated

TECHNICAL SPECIFICATIONS

MT37 Baiji

Data Capture

1D	All major 1D symbologies
2D	All major 2D symbologies
Aiming	Red LED diode
Illumination	White LED (625±10nm)
Image Sensor	640 x 480 CMOS
Scan Modes	Trigger Mode
Scan Rate	60 frames per second

Performance

Current Operating System	Android 8.1 Go
Memory Flash	8GB
Memory RAM	1GB
Processor	1.8 GHz quad-core

Physical

Audio	Speaker, Microphone
Battery Type	3.8 V, 3300 mAh, non-removable
Dimensions	158(W) × 59(D) × 18.3(H) mm
Display/Touch Panel	2.8” (320 × 240), brightness: 250 nits, Capacitive touchscreen
Interfaces	USB-C
Keypad	24 keys
Notifications	Speaker, Multi-color LEDs, Vibration
SIM/TF	SIM-card
Weight	155 g (including battery)

Wireless

RFID	13.56MHz RFID ISO14443A/B, MIFARE, FeliCa, NFC Forum Tags, ISO15693
WLAN RADIO	IEEE 802.11 a/b/g/n/ac, 2.4GHz and 5GHz
WPAN RADIO	Bluetooth 5.0 BLE
WWAN RADIO	2G: GSM: 850/900/1800/1900 MHz 3G: WCDMA: B1/B2/B5/B8; TD-SCDMA: B34/B39 4G: FDD-LTE: B1/B2/B3/B5/B8; TDD-LTE: B34/B38/B39/B40/B41

Environmental

Drop	1.2m drops to concrete
Electro Static Discharge (ESD)	±12 kV (air discharge), ±8 kV (direct discharge)
Humidity	5% to 95% (non-condensing)
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-30°C to 60°C (-22°F to 140°F)

Software

Android Roadmap	https://www.newland-id.com/en/support/android-roadmap-for-newland-devices/
Configuration Tools	Ndevor

Data Collection Software	Newland DCAPP by Kalipso
MDM (certified)	Ndevor

Warranty

Comprehensive Service Contract	3 Years, 5 Years
Warranty Extension	+1 Year, +3 Years
Warranty Standard	2 Years

Accessories

Accessories Optional	Fast charging power adapter, USB-C cable, Cig-plug adapter, Neck lanyard, Mounting strap for holster, Metal clip for holster, Rotating clip for holster
Accessories Standard	Wrist strap, USB-C cable

What's in the box?

NLS-MT3752-W4	MT37 Baiji, Wrist strap, USB-C cable

Accessories

Charging/Power	ADP710 Power Supply for Mobile Computers (ADP710) NLS-CPA-UNIV Cig-Plug Adapter (NLS-CPA-UNIV)
Protection & Handling	BT105 Belt for Holster (BT105) HS105 Holster for MT93 Series, MT95, MT90, and MT37 (HS105) HS107 Textile Case Holster for MT37 (HS107) MC105 Metal Clip for Holster (MC105) MS105 Mounting Strap for Holster (MS105) NS105 Neck Strap for Holster (NS105) PT105 Protection Flap for Holster (PT105) RC105 Rotating Clip for Holster (RC105) SP37 HYBRID Screen Protector Film (SP37 HYBRID)
Cables	CBL-TC-N7 USB to USB-C Cable (CBL-TC-N7)

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Feel free to contact us or a partner near you.
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