

# HR23 Dorada AI Bluetooth White

Ручные сканеры



## Features

### Power That Lasts

The HR23 Dorada AI Bluetooth White provides over 12 hours of continuous use on a single charge. If the battery runs out, the compartment has a latch-release opening that allows for convenient replacement without interrupting your tasks. Additionally, the low-battery indicator has two colors, offering a quick visual cue when it's time to change the battery. The new magnetic contact on the stand ensures easy connectivity and high reliability.

### Stay Connected

The HR23 Dorada AI Bluetooth White scanner features Bluetooth 5.0 connectivity and can scan items from distances of up to 100 meters in open spaces. You can connect the communication and charging stand directly to a device via Bluetooth or use it with a dongle to ensure a reliable wireless connection.

### Precision Meets Value

The HR23 Dorada AI White Series offers outstanding scanning performance at an entry-level price. Thanks to Newland's advanced decoding technology, it can quickly, accurately, and reliably read both 1D and 2D barcodes, even when damaged or distorted. Equipped with AI-powered barcode detection technology, the Dorada AI White Series uses computer vision and self-learning capabilities to accurately interpret barcodes, even on reflective or curved surfaces. The devices efficiently analyze images to detect, locate, and read barcodes. These enhanced decoding technologies make the HR23 Dorada AI White Series a dependable solution for a wide range of applications, delivering excellent performance and value.

### Smarter Data Capture

The HR23 Dorada AI Series White includes an LED aimer for precise barcode scanning, making it ideal for high-density workloads. Additionally, the Dorada AI White Series is equipped with advanced Optical Character Recognition (OCR) technology for efficient data recognition.

### Advanced Scripting

The HR23 Dorada AI White Series scanner features Advanced Scripting, allowing users to customize and automate the scanner's behavior by writing scripts in the programming language, Lua. This capability enables users to control how the scanner processes and interprets barcode data. While EasySet remains available for those who prefer it, the addition of Advanced Scripting provides even greater detail and customization.

### Built for Reliability

The HR23 Dorada AI Bluetooth scanner in white is ergonomically designed to fit comfortably in your hand. It is lightweight yet sturdy, making it suitable for daily use. Its white color is perfect for medical environments where hygiene and a professional appearance are essential. The scanner is built for reliability, featuring an IP52 rating, a drop specification of up to 1.8 meters, and a 5-year warranty for added peace of mind.

## TECHNICAL SPECIFICATIONS

## HR23 Dorada AI Bluetooth White

## Считывание данных

|                                             |                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1D                                          | Code 11, Code 128, Code 39, GS1-128(UCC/ENA-128), AIM 128, ISBT 128, Codabar, Code 93, UPC-A, UPC-E, Coupon, GSI Composite, EAN-13, EAN-8, ISSN, ISBN, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, ITF-6, ITF-14, Standard 2 of 5, China Post 25, M51-Plessey, Plessey, GS1Databar(RSS) |
| 2D                                          | PDF417, QR Code, Aztec, Data Matrix, Micro PDF417, Micro QR, Chinese Sensible Code                                                                                                                                                                                                                |
| Нацеливание                                 | Светодиод                                                                                                                                                                                                                                                                                         |
| Диапазоны декодирования Code 39 (5мил)      | 50 mm - 120 mm                                                                                                                                                                                                                                                                                    |
| Диапазоны декодирования Data Matrix (10мил) | 30 mm - 125 mm                                                                                                                                                                                                                                                                                    |
| Диапазоны декодирования EAN13 (13 мил)      | 50 mm - 280 mm                                                                                                                                                                                                                                                                                    |
| Диапазоны декодирования PDF417 (6.7мил)     | 40 mm - 120 mm                                                                                                                                                                                                                                                                                    |
| Горизонтальное поле обзора                  | 45°                                                                                                                                                                                                                                                                                               |
| Вертикальное поле обзора                    | 34°                                                                                                                                                                                                                                                                                               |
| Совместимость с GS1                         | Да                                                                                                                                                                                                                                                                                                |
| Подсветка                                   | Белый светодиод                                                                                                                                                                                                                                                                                   |
| Датчик сканера                              | 800 x 640 CMOS                                                                                                                                                                                                                                                                                    |
| Минимальный контраст печати                 | 20%                                                                                                                                                                                                                                                                                               |
| OCR                                         | Default: Passport OCR, Chinese ID Card, China Travel Permit OCR. Optional: date and general alphanumeric recognition.                                                                                                                                                                             |
| Разрешение                                  | ≥3mil                                                                                                                                                                                                                                                                                             |
| Наклон по вертикали                         | ±60°                                                                                                                                                                                                                                                                                              |
| Боковой наклон                              | 360°                                                                                                                                                                                                                                                                                              |
| Наклон по горизонтали                       | ±60°                                                                                                                                                                                                                                                                                              |

## Производительность

|             |                    |
|-------------|--------------------|
| Флеш-память | ≥8 000 записи кода |
|-------------|--------------------|

## Физические характеристики

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Тип батареи                   | 2,600 mAh lithium-ion                                       |
| Размеры (мм)                  | Scanner: 117,5 x 67,5 x 144 mm, Cradle: 140 x 90 x 144,5 mm |
| Ожидаемый срок службы батареи | ≥15 hours of continuous operation                           |
| Ожидаемое время зарядки       | ≤6 hours                                                    |
| Корпус                        | Антимикробное покрытие                                      |
| Входное напряжение            | 5 В постоянного тока ±5 %                                   |
| Интерфейсы                    | USB-A, USB-KBW, USB-CDC, HID-POS                            |
| Уведомления                   | Звуковой сигнал, LED, Вибрация                              |
| Вес                           | Scanner: 209g, Cradle: 340,5g                               |

#### Беспроводной

|                                        |                                 |
|----------------------------------------|---------------------------------|
| Режимы связи                           | Синхронный, Асинхронный, Партия |
| Радиотехнология                        | Bluetooth 5.0                   |
| Расстояние беспроводной работы (макс.) | ≥100 m (in open space)          |

#### Экологический

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Устойчивость к падениям          | 1.8 m drops to concrete                              |
| Электростатические разряды (ESD) | ±8 кВ (контактный разряд), ±15 кВ (воздушный разряд) |
| Влажность                        | От 5 % до 95 % (без конденсации)                     |
| Рейтинг IP                       | IP52                                                 |
| Рабочая температура              | от -10 °C до 50 °C (от 14 °F до 122 °F)              |
| Температура хранения             | от -40 °C до 70 °C (от -40 °F до 158 °F)             |

#### Программное обеспечение

|                       |         |
|-----------------------|---------|
| Инструменты настройки | EasySet |
|-----------------------|---------|

#### Гарантия

|                      |       |
|----------------------|-------|
| Стандартная гарантия | 5 лет |
|----------------------|-------|

#### Аксессуары

|                        |                                   |
|------------------------|-----------------------------------|
| Стандартные аксессуары | USB-кабель, Подставка/док-станция |
|------------------------|-----------------------------------|

#### Что в коробке?

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| NLS-HR2300-V2-BT-W | HR23 Dorada AI BT White, USB cable, Stand/Docking station |
|--------------------|-----------------------------------------------------------|