Newland

SCANNING MADE SIMPLE

1D	2D	CMOS Mega pixel

EGAIS	USB	RS232	IP42	1.5M DROP

HR3251RU Marlin II
EGAIS handheld scanner

FEATURES

EGAIS compliant.

HR3251RU Marlin II has a custom designed algoritm & firmware optimised to read EGAIS PDF417 codes. Even the most damaged EGAIS codes can be read with a good result.

Megapixel camera.

The HR3251RU is a barcode scanning powerhouse. No matter what type of barcode is presented, the megapixel camera allows users to scan 1D and 2D barcodes, including very small and high density ones, with impressive speed and ease.

Durable construction.

Users in retail setting will enjoy the strong exterior and drop resistance of 1.5m of the HR3251RU Marlin II. With an IP42 rating, the device is built to handle dust and everyday drops and bumps.

Superior ergonomics.

The HR3251RU Marlin is the ideal solution for scan-intensive use in retail and logistics. The scanner fits comfortably in any user's hand, reducing the fatigue of long-time operation.

All-round scanning capability.

Whether you need a barcode scanner that can be used on paper labels or barcodes displayed on mobile phones or on computer screens, you'll be set with the HR3251RU Marlin II. The device delivers unmatched scanning performance for both conventional and emerging applications involving on-screen barcodes or barcodes printed with non-black ink.

Offered with a coiled cable.

HR32 handheld scanner stand available.

It is possible to order stand as an accessory or combined with a scanner as a SET.

HR3251RU with stand.

Application Scenarios

Point of Sale / retail • warehouse • inventory management • healthcare • ticket/voucher management • office automation and more.

Performance	Image Sensor		1280×800 CMOS
	Illumination		Red LED/ White LED
	Aiming		Green LED
	Symbologies	2D	PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc.
		Postal	USPS Postnet, Royal Mail, KIX Post, Australian Postal, etc.
		1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc.
	Resolution*		≥3mil
	Typical Depth of Field*	EAN-13 (13mil)	45mm-510mm
		Code 39 (5mil)	75mm-220mm
		PDF417 (6.7mil)	70mm-215mm
		Data Matrix (10mil)	50mm-220mm
		QR Code (15mil)	20mm-330mm
	Scan Angle**		Pitch: ±55°, Roll: 360°, Skew: ±55°
	Field of View		Horizontal 39°, Vertical 24°
	Min. Symbol Contrast*		25%
Mechanical/ Electrical	Interfaces		RS-232, USB
	Dimensions		113.5(W)×73.3(D)×159.0(H)mm
	Weight		162g
	Notification		Beep, LED indicator
	Rated Power Consumption		1289.6mW (typical)
	Operating Voltage		5VDC±5%
	Current@5VDC	Operating	238.2mA (typical), 260.5mA (max.)
		Standby	71.3mA
Environmental	Operating Temperature		-20℃ to 60℃ (-4°F to 140°F)
	Storage Temperature		-40℃ to 70℃ (-40°F to 158°F)
	Humidity		5%~95% (non-condensing)
	ESD		±8 KV (direct discharge); ±15 KV (air discharge)
	Drop		1.5m
	Sealing		IP42
Certifications			FCC Part15 Class B, CE EMC Class B
Accessories	Cable	USB	Used to connect the HR3251 to a host device.
		RS-232	Used to connect the HR3251 to a host device.
	Power Adapter		DC5V power adapter to power the HR3251 with RS-232 cable.

*Test conditions: T=23℃ Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

**Test conditions: Scan Distance=(min. DOF + max. DOF)/2; T=23℃ Illumination=300lux using incandescent lamp;
2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specifications are subject to change without notice.

Version: V1.0