Newland
SCANNING MADE SIMPLE

1D | 2D | CMOS

USB | RS232 | chip

FR20
fixed mount
barcode scanner

FEATURES

Snappy scanning solution.

If you are looking for an allround snappy scanning solution, conveniently shaped to fit on any surface, look no further.

Outstanding performance.

The FR20 desktop barcode scanner allows you to reliably read all 1D barcodes and PDF417, Data Matrix and QR Code on various shapes and surfaces. In addition, it has a bigger scanning window, which allows for reading from e.g. tablet devices and widescreen smartphones.

Best value/money balance.

The FR20 is an elegant scanning device due to its simplicity and performance and guarantees high return on investment.

Compact.

With its small size 127.3 x 111.5 x 94 mm (LxWxH), the FR20 does not occupy much space.

Superior decoding performance.

Delivers effortless, snappy and accurate scanning performance and is specialized in reading from LCD screens.

Simple configuration.

All our devices are plug-and-play, but can be further configured according to your needs by use of simple barcode programming guide.

Application Scenarios
Designed primarily for applications like electronic tickets / coupons • mobile marketing • office automation.

Performance	Processor		IOTC 0370 CHIP
	Image Sensor		640×480 CMOS
	Interface		RS-232 (9.6~115.2Kbps) / USB 1.1 (HID-KBW, HID-POS)
	Symbologies	2D	PDF417, Data Matrix, QR Code, etc
		1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128 Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar (RSS-Expand, RSS-Limited, RSS-14), Code 39, Code 11, MSI-Plessey, Plessey, etc.
	Scan Mode		Sense mode, Continuous mode
	Resolution		10mil
	Light Source		White LED
	Scan Window		≥30%
	PCS		RS-232, USB
Mechanical / Electrical	Power Consumption		1W (max.)
	Notification		Beep, LED indicator
	Dimensions (L x W x H)		127.3×111.5×94mm
	Weight		300g
Environmental	Operating Temperature		-10℃~50℃
	Storage Temperature		-20℃~60℃
	Humidity		5%~95% (non-condensing)
	Ambient Light		0 ~ 100,000 LUX
Certifications			FCC Part15 Class B, CE EMC Class B
Accessories	RS-232 Cable		Equipped with a power connector; used to connect the scanner to a host device.
	USB Cable		Used to connect the scanner to a host device.
	Power Adapter		Used to provide power for the scanner. Output: DC5V,1.5A; Input: AC100~240V, 50~60Hz

Specifications are subject to change without notice.