1D & 2D

Mobile Reading

Dual Interface

CMOS

IP50

1.2M drop

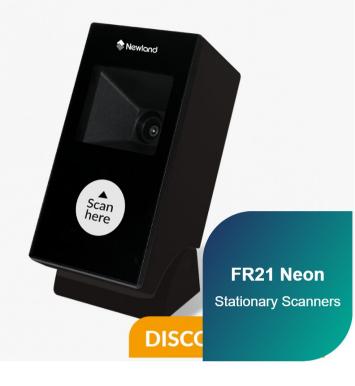**EasySet**

Warranty 5 Years

FR21 Neon
Stationary Scanners

DISC...

Features

Customer-facing scanning solution.
First time, every time scanning of 1D and 2D barcodes from an LCD screen. The FR21 Neon was built to create an optimal customer experience at the POS. It scans quickly and easily, even for the most inexperienced user, making it an ideal solution for applications like Mobile Payment, Customer Loyalty and Ticket Verification.

Suits your POS perfectly.
The FR21 Neon is designed as a modern and attractive device that you can fully adjust to your brand and POS. Its compact size makes it ideal for positioning on a small desk, a store shelf or at the counter, where space is crucial. For added flexibility, the scanning head can be tilted up to 35° to accommodate objects of various shapes and sizes.

Subtle, modest illumination.
The FR21 Neon is equipped with a subtle, white light that optimizes the scanning performance without drawing unnecessary attention when faced outwards. Additionally, the depth of field helps customers scan quickly without causing the device to light up unnecessarily.

Customize for your brand.
It is easy and affordable to match the FR21 Neon to your brand. The fully flat front lends itself to simple cover designs and the round window (diameter 2.8 cm) underneath the scanner has LED lighting behind it, providing extra visibility for a company logo placed over it. This allows you to customize and change up the look of the device, even for small quantities. For large order quantities, the color of the full desktop scanner can be adjusted for further customization.

Suggested industries

Entertainment

Hospitality

Retail

DISCONTINUED

Data Capture

1D	All major 1D symbologies, including Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey.
2D	All major 2D symbologies, including PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140), Chinese Sensible Code.
Image Sensor	CMOS 640*480
Illumination	White LED
Scan Modes	Sense Mode, Continuous Mode
Scan Rate	60 frames per second
Field of View Horizontal	73°
Field of View Vertical	56°
Scan Angle Roll	360°
Scan Angle Pitch	±30°
Scan Angle Skew	±30°
Minimal Print Contrast	25%

Performance

Processor	0390 Chip+MCU

Physical

Current @ 5VDC Operating	127.3mA (typical), 280.7mA (max.)
Dimensions (mm)	70.5(W)×60.2(D)×120.7(H)mm
Input Voltage	5VDC ± 5%
Interfaces	RS-232, USB
Material	ABS
Notifications	Beep
Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz
Weight	242g

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)
Electro Static Discharge (ESD)	±12 kV (air discharge), ±6 kV (direct discharge)
Drop	1.2m
IP Rating	IP50

Accessories

Standard	USB Cable
Optional	RS232 Cable, Adapter

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Software

Configuration Tools	EasySet

Certifications

Hardware	FCC Part15 Class B, CE EMC Class B

Warranty

Standard	5 years

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