











# FR21 Neon

Präsentationsscanner

-   
1.2m drop
-   
1D & 2D
-   
CMOS
-   
Dual Interface
-   
EasySet
-   
IP50
-   
Mobile Reading
-   
Warranty 5 Years



## 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.

**5** Years Full Warranty

 EasySet

## TECHNICAL SPECIFICATIONS

### FR21 Neon

#### Datenerfassung

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.
Sichtfeld horizontal	73°
Sichtfeld vertikal	56°
Beleuchtung	White LED

Bildsensor	640 x 480 CMOS
Minimaler Druckkontrast	25%
Scan-Winkelabstand	±30°
Scan-Winkelrolle	360°
Scan-Winkelversatz	±30°
Scan-Modi	Sensor-Modus, Kontinuierlicher Modus
Scanrate	60 frames per second

### Scanleistung

Prozessor	0390 Chip, MCU
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### Physikalisch

Strom bei 5 V DC Betrieb	127.3 mA (typical), 280.7 mA (max)
Abmessungen (mm)	70.5(W) × 60.2(D) × 120.7(H) mm
Gehäuse	ABS
Eingangsspannung	5 VDC ±5 %
Schnittstellen	USB, RS-232
Benachrichtigungen	Piepton
Netzteileingang	5 VDC (1.5 A)
Netzteilaustritt	AC100 to 240 V (50 to 60 Hz)
Gewicht	242 g

### Umwelt

Fallhöhe	1.2 m
Elektrostatische Entladung (ESD)	±12 kV (Luftentladung), ±6 kV (direkte Entladung)
Feuchtigkeit	5 % bis 95 % (nicht kondensierend)
IP-Bewertung	IP50
Betriebstemperatur	-20 °C bis 60 °C (-4 °F bis 140 °F)
Lagertemperatur	-40 °C bis 70 °C (-40 °F bis 158 °F)

### Software

Konfigurationstools	EasySet
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### Zertifizierungen

Zertifizierungen Hardware	CE EMC Class B, FCC Part15 Class B
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### Garantie

Standardgarantie	5 Jahre
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### Zubehör

Optionales Zubehör	RS-232-Kabel, Netzteil
Standardzubehör	USB-Kabel



### Newland AIDC EMEA

Feel free to contact us or a partner near you.

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Specifications are subject to change without notice

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