











FR21 Neon

Escáneres de presentación

- 
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



TECHNICAL SPECIFICATIONS

FR21 Neon

Captura de datos

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.
Campo de visión horizontal	73°
Campo de visión vertical	56°
Iluminación	White LED

Sensor de imagen	640 x 480 CMOS
Contraste de impresión mínimo	25%
Inclinación del ángulo de escaneado	±30°
Balaceo del ángulo de escaneado	360°
Sesgo del ángulo de escaneado	±30°
Modos de escaneado	Modo Sensorial, Modo continuo
Velocidad de lectura	60 frames per second

Rendimiento

Procesador	0390 Chip, MCU
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Físico

Corriente en funcionamiento @ 5 VDC	127.3 mA (typical), 280.7 mA (max)
Dimensiones (mm)	70.5(W) × 60.2(D) × 120.7(H) mm
Carcasa	ABS
Tensión de entrada	5 V CC ±5 %
Interfaces	USB, RS-232
Notificaciones	Pitido
Entrada de fuente de alimentación	5 VDC (1.5 A)
Salida de fuente de alimentación	AC100 to 240 V (50 to 60 Hz)
Peso	242 g

Medioambiental

Caídas	1.2 m
Descarga electrostática (ESD)	±12 kV (descarga en aire), ±6 kV (descarga directa)
Humedad	5 % al 95 % (sin condensación)
Grado de protección IP	IP50
Temperatura de funcionamiento	De -20 °C a 60 °C (de -4 °F a 140 °F)
Temperatura de almacenamiento	De -40 °C a 70 °C (de -40 °F a 158 °F)

Software

Herramientas de configuración	EasySet
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Certificados

Certificaciones Hardware	CE EMC Class B, FCC Part15 Class B
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Garantía

Garantía estándar	5 años
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Accesorios

Accesorios opcionales	Cable RS-232, Adaptador
Accesorios estándar	Cable USB



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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