Newland AIDC
SCANNING MADE SIMPLE

FR21 Neon

Scanners de présentation

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

Capture de données

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.
Champ de vision horizontal	73°
Champ de vision vertical	56°
Éclairage	LED blanche
Capteur d'image	640 x 480 CMOS
Contraste d'impression minimal	25%
Angle de basculement de la lecture	±30°
Angle de rotation de la lecture	360°
Angle d'inclinaison de la lecture	±30°
Modes de lecture	Mode Détection, Mode continu
Taux de lecture	60 frames per second

Performance

Processeur	0390 Chip, MCU

Caractéristiques physiques

Courant de 5 V CC en fonctionnement	127.3 mA (typical), 280.7 mA (max)
Dimensions (mm)	70.5(W) × 60.2(D) × 120.7(H) mm
Boîtier	ABS
Tension d'entrée	5 VCC ±5 %
Interfaces	RS-232, USB
Notifications	Bip
Entrée alimentation	5 VDC (1.5 A)
Sortie alimentation	AC100 to 240 V (50 to 60 Hz)
Poids	242 g

Environnement

Résistance aux chutes	1.2 m
Décharge électrostatique (ESD)	±12 kV (décharge dans l'air), ±6 kV (décharge directe)
Humidité	5 % à 95 % (sans condensation)
Indice de protection	IP50
Température de fonctionnement	de -20 °C à 60 °C (de -4 °F à 140 °F)
Température de stockage	de -40 °C à 70 °C (de -40 °F à 158 °F)

Logiciel

Outils de configuration	Easyset

Certifications

Certifications Matériel	FCC Part15 Class B, CE EMC Class B

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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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