

FM80 Salmon AI

Skanery stacjonarne



Features

AI-Powered Barcode Detection

The FM80 Salmon AI features Newland's UIMG and AI-Powered Barcode Detection technologies. These advanced systems enable rapid, accurate, and reliable decoding of both 1D and 2D barcodes, even when damaged, distorted, reflective, or on curved surfaces. The Salmon uses computer vision and self-learning capabilities to accurately interpret barcodes. It efficiently analyzes images to detect, locate, and read barcodes. The FM80 Salmon AI performs exceptionally well in challenging conditions, providing a dependable scanning solution that operates flawlessly in any situation.

Advanced OCR Technology

The FM80 Salmon AI is equipped with advanced OCR technology, allowing it to scan and accurately extract text from IDs and official documents. This feature makes the Salmon an ideal scanner for applications that require precise data capture, such as border control, age verification in retail, postal sorting facilities, and library check-in and checkout processes.

Status Indicators

The FM80 Salmon AI is equipped with six different status indicators that indicate the scanner's current operating status. These indicators provide information on decoding, configuration, communication, and any abnormal conditions. This feature is particularly valuable in fast-paced settings, such as point-of-sale applications, as it enables users to quickly confirm whether a barcode has been scanned correctly, helping avoid unnecessary delays at checkout.

EAS deactivation.

The FM80 Salmon AI features a built-in single antenna system for deactivating EAS security tags. It is compatible with major single-loop EAS systems, including Checkpoint, and is conveniently placed near the scan window for easy access.

Advanced Sense Mode

The FM80 Salmon AI includes an advanced sensing mode that detects presented barcodes for reading. For each displayed barcode, the scanner initiates a decoding session to prevent multiple readings of the same barcode. This feature helps avoid accidental misreads, thereby reducing time lost during the scanning process.

Mount-Ready Design

The FM80 Salmon AI features six anchor points along the front edge of its window, making it easier to mount and integrate into installations like kiosks. Additionally, a soft inlay surrounds the window's edge, providing a more comfortable fit within enclosures.

Large Scan Window

The FM80 Salmon AI boasts a large scan window, which allows it to capture barcodes even when products are presented very close to the scanner. This large window is particularly beneficial in fast-paced retail environments, as it enables users of all experience levels to scan codes successfully without needing precise alignment of the barcode with the scanner.

TECHNICAL SPECIFICATIONS

FM80 Salmon AI

Przechwytywanie danych

1D	code 11, Code 128, Code 39, GS1-128 (UCC/EAN128), AIM 128, ISBT 128, CodaBar, Code 93, UPC-A/UPC-E, Coupon, EAN-13, EAN-8, ISSN, ISBN, Interleaved 2/5, Matrix 2/5, Industrial 2/5, ITF-14, ITF-6, Standard 2/5, China post 25, MSI-Plessey, GS1 Composite, GS1 Databar (RSS)
2D	PDF417, QR Code, Data Matrix, Aztec
Głębokość ostrości EAN 13 (13 mil)	0mm - 140mm
Pole widzenia w poziomie	42.4°
Pole widzenia w pionie	36°
Zgodność z GS1	Tak
Oświetlenie	Czerwona dioda LED
Czujnik obrazu	1280 x 1088 CMOS
Minimalny kontrast wydruku	15%
Rezolucja	≥3mil (1D)
Nachylenie kąta skanowania	±50°
Rolka kąta skanowania	360°
Odchylenie kąta skanowania	±50
Tryby skanowania	Tryb zaawansowanego wykrywania

Właściwości fizyczne

Prąd przy 5 VDC podczas pracy	280mA (typical), 800 mA (Max)
Prąd przy 5 VDC Standby	155 mA
Wymiary (mm)	149(W) x 78.5(H) x 166.5(D) mm
Napięcie wejściowe	5 V DC ±5%
Interfejsy	USB-HID, USB-CDC, RS-232, HID-POS, USB
Powiadomienia	Sygnal dźwiękowy, LED
Waga	455g

Środowiskowe

Wyładowanie elektrostatyczne (ESD)	±15 kV (wyładowanie w powietrzu), ±8 kV (wyładowanie bezpośrednie)
Wilgotność	5% do 95% (bez kondensacji)
Klasa IP	IP52
Temperatura robocza	od -20°C do 50°C (od -4°F do 122°F)
Temperatura przechowywania	od -40°C do 70°C (od -40°F do 158°F)

Oprogramowanie

Narzędzia konfiguracyjne	EasySet
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Gwarancja

Standardowa gwarancja	5 lat
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Akcesoria

Akcesoria opcjonalne	Adapter wielowtykowy, Kabel USB, Kabel RS-232
Akcesoria standardowe	Kabel USB

Co znajduje się w pudełku?

NLS-FM8080V2-E-U30	FM80 Salmon AI, 3 meter USB cable, EAS antenna
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Accessories

Ładowanie/zasilanie

ADP100 Power Supply for HR, FR, and FM Series (ADP100)

Kable

CBL0157R RS232 Cable for FR80 and FM80 Series (CBL0157R)
CBL017U RJ to USB-C Cable for HR, FR and FM Series (CBL017U)
CBL042UA V5.0 USB Cable for FM, and FR Series (CBL042UA V5.0)
CBL151U USB Cable for FM80 and FR80 (CBL151U)

Urządzenia peryferyjne

EX232 Remora (NLS-EX232-01)

Newland AIDC EMEA

Feel free to contact us or a partner near you.

info@newland-id.com - newland-id.com

Specifications are subject to change without notice

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