FR40

Newland FR40 Koi II 2D CMOS Mega Pixel omnidirectional presentation Desktop Scanner

Product Overview

Newland FR40 Koi II 2D CMOS Mega Pixel omnidirectional presentation Desktop Scanner, 2m USB cable, 1280 x 800 CMOS image sensor, White LED illumination, 2.5m/s motion tolerance



Specifications

Overview:

As the first megapixel scanner on the market, the Koi II reads 1D and 2D barcodes, including Aztec, with speed and ease. Equipped with a switch to toggle between paper and screen modes you are assured to have the best optimized reading every time. With user friendliness being at the forefront of POS systems, the Koi II features soft illumination with a 10-degree tilt that insures comfort for both employees and customers. Combined with its superior performance and level of comfort, the FR4080 Koi II is the perfect addition to any POS system.

Features:

First megapixel presentation scanner.

At the top of the line, the FR4080 Koi II reads 1D and 2D barcodes, including Aztec, with speed and accuracy. It is the first presentation scanner on the market that includes a megapixel camera and is capable of reading even the most complex codes. This makes it the perfect solution for applications like POS systems in retail and pharmacy, ticket verification and more.

Unmatched flexibility.

With a switch to toggle between paper and screen mode, the FR4080 Koi II is ready for any barcode that it is presented with. This added flexibility, leaves this hardware unaffected.

Comfortable Illumination.

With a 10 degrees angle and soft illumination, the FR4080 Koi II guarantees comfort to both customers and employees. When facing outwards, the illumination will not draw unnecessary attention.

IP52 rated sealing.

With an IP52 rated seal, the FR4080 Koi II is protected against dust, water and other contaminants.

1.2 drop resistance.

The FR4080 Koi II withstands multiple 1.2m drops to concrete (six sides, one drop per side).

IR trigger.

The IR sensor in the FR4080 Koi II enables the speedy capture of any barcode presented to it, markedly increasing output and productivity.

Specifications:

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Specifications	
Product Code	FR40
Performance	
Image Sensor	1280x800 CMOS
Illumination	White LED
Depth of Field EAN13 (13mil)	5-195mm
Depth of Field QR (15mil)	5-165mm
Minimal Print Contrast	25%
Scan Angle Roll	360 degrees
Scan Angle Pitch	+/-50 degrees
Scan Angle Skew	+/-45 degrees
Field of View Horizontal	51 degrees
Field of View Vertical	32 degrees
Motion Tolerance	2.5m/s
Data capture	
1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc.
2D	PDF417, Data Matrix, QR Code, Micro QR Code, Aztec, etc.
Physical	
Dimensions (mm)	83(W)x81(D)x148(H)mm
Weight	293g
Interfaces	RS-232, USB
Notifications	Beep, LED indicator
Input Voltage	5VDC+/-5%
Current @ 5VDC Operating	219mA (typical)
Power Consumption	1041mW (typical)
Environmental	
Operating Temperature	-20 degreesC to 60 degreesC
Storage Temperature	-40 degreesC to 70 degreesC
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	+/-14 kV (air discharge), +/-8 kV (direct discharge)
Drop	1.2m

Sealing	IP52
Device Management	
Software	EasySet (configuration)
Certifications	
Certifications	FCC Part15 Class B, CE EMC Class B

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/FR40-Newland-FR40-Koi-II-2D-CMOS-Mega-Pixel-omnidirectional-presentation-Desktop-p-272234.php

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