Newland AIDC
SCANNING MADE SIMPLE

1D & 2D | IP54 | 1.5m drop | USB | RS232 | Infrared

EasySet | LED aimer | Warranty 5 Years



FM415 Bass

Stationary Scanners

Features

Snappy, even in less than perfect conditions

A combination of the IR sensor and the light sensor helps keep workers moving, even in low light conditions. Its strong, white light ensures barcodes are always well lit.

Handsfree or manual scanning

Companies looking for automatic scanning to relieve manual labor can set up the FM415 Bass for hands free scanning. Alternatively, a manual trigger button can be used if preferred.

Intelligent programming

The sensors of the FM415 Bass automatically adjust the brightness of supplementary lighting based on the light that reflects off the barcode. This also makes it an optimal solution for scanning from mobile phone screens. Depending on the application, the scanner can be set to optimally read from close and long distance.

Reliable outdoor use

With an IP rating of 54, this fixed mount scanner can be placed in a housing and



Suggested industries

Hospitality | Events | Entertainment

FM415 Bass Technical specifications

Data Capture	
1D	Code 128, UCC/EAN-128,AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC·E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Standard 25, Codabar, Industrial 25, Code39, Code 93, Code 11, Plessey, MSI-Plessey, GSI-128 (UCC/EAN-128), GSI-DataBarTM(RSS) (RSS-14, RSS-14 Limited, RSS·Expand), Matrix 2 of 5, Standard 25, Plessey
2D	PDF417, Micro PDF417 QR, Micro QR, DataMatrix, AZTEC, Maxicode
Image Sensor	640x480 CMOS
Aiming	Red LED
Illumination	White LED
Scan Modes	Sense Mode, Continuous Mode, Level Mode
Depth of Field EAN 13 (13mil)	55mm-250mm
Depth of Field Code 39 (5mil)	70mm-120mm
Depth of Field PDF417 (6.67mil)	50mm-120mm
Depth of Field DataMatrix (10mil)	50mm-120mm
Depth of Field QR (15mil)	25mm-190mm
Field of View Horizontal	42°
Field of View Diagonal	31.5°
Scan Angle Roll	360°
Scan Angle Pitch	±60°
Scan Angle Skew	±60°
Minimal Print Contrast	25%
Physical	
Current @5VDC Operating/Standby	228mA(typical),264mA(max)/50.0mA
Dimensions (mm)	49(W)x69(D)x20(H)mm
Input Voltage	5VDC±5%
Interfaces	RS-232, USB
Notifications	Beep
Weight	64.6g
Environmental	
Operating Temperature	-20°C to 60°C (-4°F to 140°F)

Newland AIDC EMEA

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Specifications are subject to change without notice

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FM415 Bass Technical specifications

Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±14 kV (air discharge), ±8 kV (direct discharge)
Drop	1.5m
IP Rating	IP54
Accessories	
Standard	USB cable
Certifications	
Hardware	FCC Part 15 Class B, CE EMC Class B
Warranty	
Standard	5 Years

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