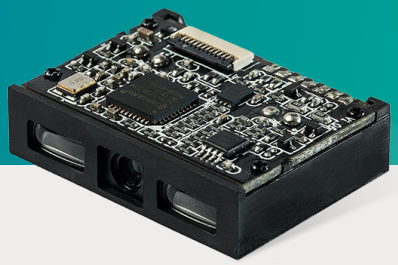
Newland AIDC
SCANNING MADE SIMPLE



EM1365-EX

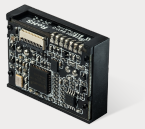
Scan Engines

1D | CCD | LED Aimer | Standard Level | TTL-232 | USB

Warranty 2 Years







Features

Easy Integration.
Seamless integration of the imager and decoder board makes the EM1365-EX small, lightweight and easy to fit into small-sized equipment. At only 28.2 × 21.6 × 8.6mm, it is ideal for integration into devices where space is at a premium.

Quick and Easy 1D Scanning.
Leveraging its CCD sensor, the EM1365-EX can reach up to 300 successful scans per second. Whether printed on paper, plastic, or shown on a mobile screen, all common 1D barcodes are captured efficiently and effectively.

A True Allrounder.
Designed and built to match a wide range of scanning applications, this high performance 1D engine can be easily integrated into various solutions. From customer-facing to staffed operations and from large stationary hardware like ticketing machines to small and portable mobile computers.

Processing Power.
Running on a powerful processor, the EM1365-EX offers the flexibility to adapt firmware to your environment and application in a quick and simple way.

2 Years Full Warranty

TECHNICAL SPECIFICATIONS

EM1365-EX

Data Capture

1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, GS1 Databar, Code 128, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, Code 39, Code 11, MSI-Plessey, Code 93, Plessey

Decode Rate	300 times per second (max.)
Depth of Field Code 39 (5mil)	90 mm - 190 mm
Depth of Field EAN 13 (13mil)	60 mm - 600 mm
Field of View Horizontal	43˚
Illumination	Red LED (620nm-630nm)
Image Sensor	2500 CCD
Minimal Print Contrast	30%
Resolution	≥3mil
Scan Angle Pitch	±65˚
Scan Angle Skew	±65˚

Physical

Current @ 3.3VDC Operating	21 mA (typical), 88 mA (max)
Current @ 3.3VDC Standby	10 mA
Dimensions	28.2(W) × 21.6(D) × 8.6(H) mm
Input Voltage	3.3 VDC ±5%
Interfaces	TTL-232, USB 1.1
Power Consumption	69 mW (typical)
Weight	5.7 g

Environmental

Ambient Light	0 to 100,000 lux (natural light)
Humidity	5% to 95% (non-condensing)
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

Software

Configuration Tools	EasySet

Certifications

Certifications Hardware	FCC Part15 Class B, CE EMC Class B

Warranty

Warranty Standard	2 Years

Accessories

Accessories Optional	USB cable, RS-232 cable, Adapter

Newland AIDC EMEA
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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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