



EM1399-LD

Scan Engines



1D



CCD



Chip



Dual
Interface



LED
aimer



Power
consumption



Warranty
2 Years

Features

Progressive technology.

The EM1399-LD's core technology UIMG is independently developed by Newland, comprising of: optical system, digitizer, decoder, image processor and embedded system.

Two-In-One Design.

Seamless integration of imager and decoder board makes the scan engine small, lightweight and easy for embedding.

Superior performance.

The EM1399-LD demonstrates an unprecedented decoding capability on all mainstream 1D symbologies.

Low power consumption.

The scan engine provides an optimal solution for battery-operated equipments and mobile devices.

Multiple interfaces.

The EM1399-LD supports USB and TTL-232 interfaces to meet diverse customer needs.

Easy to use.

Simple parameter configuration enables a quick and easy set up.

2 Years Full
Warranty

TECHNICAL SPECIFICATIONS

EM1399-LD

Data Capture

1D	All major 1D symbologies, including 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.
Aiming	Red LED (612nm-624nm)
Depth of Field Code 39 (5mil)	70 mm - 190 mm
Depth of Field EAN 13 (13mil)	50 mm - 450 mm
Illumination	Red LED (612nm-624nm)
Image Sensor	2500 linear imager

Minimal Print Contrast	20%
Scan Angle Pitch	±55°
Scan Angle Skew	±60°

Physical

Current @ 3.3VDC Operating	26 mA (typical), 76 mA (max)
Current @ 3.3VDC Standby	10.4 mA
Dimensions	21.5(W) × 15.3(D) × 11.9(H) mm
Input Voltage	3.3 VDC ±5%
Interfaces	USB, RS-232
Power Consumption	86 mW (typical)
Weight	5 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)

Certifications

Certifications Hardware	CE EMC Class B, FCC Part15 Class B
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Warranty

Warranty Standard	2 Years
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Accessories

Accessories Optional	USB cable, RS-232 cable, Adapter, Software development board
Accessories Standard	75mm flexible flat cable (FFC)



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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