



1D



Dual
Interface



Power
consumption



CCD



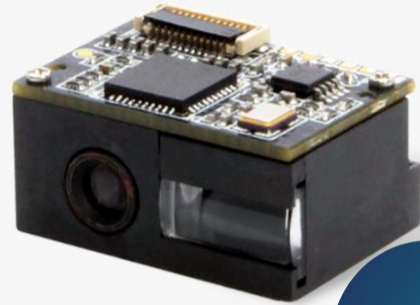
Chip



LED
aimer



Warranty
2 Years



EM1399-LD
OEM Scan Engines

DISCO

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.

Suggested industries



Industrial



Manufacturing

EM1399-LD Technical specifications

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.
Image Sensor	2500-pixel linear imager
Aiming	Red LED (612nm-624nm)
Illumination	Red LED (612nm-624nm)
Depth of Field EAN 13 (13mil)	50mm-450mm
Depth of Field Code 39 (5mil)	70mm-190mm
Scan Angle Pitch	±55°
Scan Angle Skew	±60°
Minimal Print Contrast	20%
Physical	
Current @ 3.3VDC Operating	26mA (typical), 76mA (max.)
Current @ 3.3VDC Standby	10.4mA
Dimensions (mm)	21.5(W)×15.3(D)×11.9(H)mm
Input Voltage	3.3VDC±5%
Interfaces	RS-232, USB
Power Consumption	86mW (typical)
Weight	5g
Environmental	
Ambient Light	0~100,000lux (natural light)
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity	5% to 95% (non-condensing)
Accessories	
Standard	75mm FFC
Optional	EVK, RS-232 Cable, Adapter, USB Cable
Certifications	
Hardware	FCC Part15 Class B, CE EMC Class B
Warranty	
Standard	2 years