



EM1365-LD

Scan-Engines



1D



CCD



Chip



Dual
Interface



Entry
Level



LED
aimer



Power consumption



Warranty
2 Years

Features

Progressive Technology.

The EM1365 core technology UIMG is independently developed by Newland, comprising of: optical system, digitizer, decoder, image processor and embedded system. The device demonstrates an unprecedented decoding capability on all mainstream 1D symbologies.

Two-In-One Design.

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

Superior performance.

The EM1365-LD delivers fast and accurate reading of 1D barcodes.

Low power consumption.

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

Easy to use.

Includes extensive documentation and simple parameter configuration for fast hassle-free integration.

Application scenarios.

Designed for OEM applications, this high performance CCD scan engine can easily be integrated into various solutions such as kiosks, ticketing machines, PDA's and many more.

2 Years Full
Warranty

TECHNICAL SPECIFICATIONS

EM1365-LD

Datenerfassung

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.
Schärfentiefe Code 39 (5mil)	70 mm - 155 mm
Schärfentiefe EAN 13 (13 mil)	55 mm - 450 mm
Sichtfeld horizontal	40°
Beleuchtung	LED (610nm-640nm)
Bildsensor	1500 CCD

Minimaler Druckkontrast	30%
Scan-Winkelabstand	±60°
Scan-Winkelrolle	30°
Scan-Winkelversatz	±60°
Scan-Modi	Auslösemodus, Sensor-Modus, Manueller Modus, Kontinuierlicher Modus
Scanrate	300 scans per second

Scanleistung

Prozessor	0110 Chip
-----------	-----------

Physikalisch

Strom bei 3,3 V DC Betrieb	21.6 mA (typical), 53.9 mA (max)
Strom bei 3,3 V DC Standby	10.6 mA
Abmessungen (mm)	28.3(W) × 22.0(D) × 11.8(H) mm
Gehäuse	ABS
Eingangsspannung	3.3 VDC ±5 %
Schnittstellen	USB, TTL-232
Stromverbrauch	71.1 mW (typical)
Netzteileingang	5 VDC (1.5 A)
Netzteil Ausgang	AC100 to 240 V (50 to 60 Hz)
Gewicht	6 g

Umwelt

Umgebungslicht	0 bis 100.000 Lux
Feuchtigkeit	5 % bis 95 % (nicht kondensierend)
Betriebstemperatur	-20 °C bis 55 °C (-4 °F bis 131 °F)
Lagertemperatur	-40 °C bis 70 °C (-40 °F bis 158 °F)

Zertifizierungen

Zertifizierungen Hardware	CE EMC Class B, FCC Part15 Class B, IEC 62471, RoHS
---------------------------	---

Garantie

Standardgarantie	2 Jahre
------------------	---------

Zubehör

Optionales Zubehör	USB-Kabel, RS-232-Kabel, Netzteil, Entwicklungsboard
Standardzubehör	75 mm flexibles Flachbandkabel (FFC)



Newland AIDC EMEA

Feel free to contact us or a partner near you.

info@newland-id.com - newland-id.com

Specifications are subject to change without notice

© Newland AIDC EMEA 2026 - All rights reserved