

REA MLV-2D

2D MATRIX CODE BAR CODE VERIFIER

Easy, Accurate 2D Barcode Verification

The REA MLV-2D is a 2D matrix code verifier which meets to ISO standards. Contactless measurements at fixed angle and distance provides user with accurate verification results.

The measuring systems is based on a CMOS camera chip together with optics with low metric distortion. The data interface is LAN interface for PC connection. The REA MLV-2D is a Verifier specially designed for 2D Matrix Codes in production and quality insurance. **Get full and comprehensive information about your 2D Matrix Codes.**



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- Contactless verification by a CMOS Camera system;
- Meets ISO standard ISO/IEC 15415;
- Exchangeable camera optics for high and low density 2D Codes;
- Ethernet Interface for high data transfer rate;
- Several difference light sources (angle/light type) to meet specific applications;
- Quick information - good, warning or fail by green, yellow or red light.



Options

Illumination: 90 degree angle, switchable between white and red light (under development).

Camera module: One module for Data Matrix Modulewidth of 0.22mm and larger and another for Modulewidth of 0.15mm and larger.

One Camera module is always included.



REA MLV-2D Features

- Powered by a 32bit ARM9 microprocessor;
- Contactless measurement by CMOS camera technology;
- Languages English and German (others on request);
- Averaging of 4 or 5 measurements;
- Single measurement;
- Size verification;
- ISO/IEC 15415 72 degree positioning for average measurement supported by display picture;
- Switchable between red light and white light;
- Switchable between 10 degree and 45 degree illumination angle for red and while light;
- Universal power supply for world wide use;
- Internal Real Time clock for time and date stamps;
- In conformity to ISO / IEC 15426-2.

REA MLV-2D specifications

CPU:	ARM9 - 32bit
Operating system:	ElinOS
Memory:	FlashROM 32MB, RAM 32MB
Light source RED:	625nm
Light source WHITE:	5600K
Clock:	Real Time Clock
Angle of illumination:	10 degree and 45 degree
Direction of illumination:	Switchable
Display:	Colour 320x240 pixels, backlit
Quick feedback:	Easy Red, Yellow and Green LED for Fail, Warning and Pass
Symbologies:	Data Matrix ECC 200
Symbologies under development:	Mini QR Code
<i>Other Symbologies available upon request.</i>	
Interfaces:	RJ45 LAN Interface (TCP/IP)
Measuring area:	56.5 x 45mm or 39 x 31mm.
Power supply:	Multinational POE power supply unit.
Optical Module:	Exchangeable optical module for high density symbols ($\geq 0.15\text{mm}$) and low density ($\geq 0.22\text{mm}$).
Housing:	Aluminium, black painted.
Size:	203 x 203 x 300 mm (L x W x H)
Weight:	1200g
Maintenance:	Regular calibration required.

Specifications are subject to change without notice

Contact Details

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