

DATALOGIC MATRIX 320 IMAGER

MATRIX320701230

938100017, 14 LEDs, 6mm optics, 60°, Red

- 2MP imager
- Detects 1D and 2D code types
- Frame rates up to 60fps
- Integrated communication via Ethernet
10/100/1000Mbit/s, Serial RS232/RS422FD, OPC UA



Product description

With its superior 2MP sensor, Matrix 320 offers a complete solution and top performance to achieve higher productivity. The Matrix 320 combines its excellent reading performance and a powerful Smart configurable 3 colour lighting option to solve extremely challenging traceability applications. Incorporating its reactivity and outstanding Depth of Field (DOF) to boost productivity in various Industrial and Logistics applications. It is equipped with embedded electronic focus that dramatically reduces installation time and allows easy reconfiguration. This feature was added to improve production flexibility in line with Industry 4.0 requirements. Matrix 320 is very easy to install with its improved integrated aiming system, X-Press button HMI and DL Code software. Full industrial connectivity, overall compactness and rotating connectors make Matrix 320 an extremely easy install into every industrial environment. Performance Analysis is also simplified by a new web interface to monitor the reader with a complete suite of diagnostics that leverages a new generation of FTP image saving. The new web Device Discovery simplifies the access and monitoring of all the readers in the network. The Matrix 320 provides the highest flexibility with a modular design complemented by a complete portfolio of lenses, lightings, filters, and accessories.

Specifications

Colour LED	Red
Digital Inputs	2
Digital Outputs	3
Dimension (mm)	108.7 x 54 x 55.5
Distance Max	550

Distance Min	50
Frame Rate Max	60
Integrated Communication Interface	Ethernet 10/100/1000Mbit/s, Serial RS232/RS422FD, OPC UA
IP Class	IP65, IP67
Number of LED	14
Power Consumption	10
Programming Options	DL.CODE, Serial Host Mode programming, X-PRESS Human Machine Interface
Resolution	1920 x 1080 (2.0MP)
Sensor size	1/3"
Shutter type	Global
Supply voltage	24 V DC
Temperature range bearing, from	-20
Temperature range bearing, to	70
Temperature range from	-10
Temperature range to	45
Type of lens	Liquid Lens, 60° aperture
Weight	380
Viewing angle	6mm