OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

DATALOGIC MATRIX 220 IMAGER

MATRIX220352-010
937900000, 1.2MP, White LED, 7mm Lens



- 1.2 MP resolution
- Detects 1D and 2D code types
- Up to 45 fps
- Integrated communication via Ethernet 10/100 Mbit/s: Fieldbus PROFINET-IO, Ethernet IP, Modbus TCP, Serial RS-232/RS422FD, OPC UA

PRODUCT DESCRIPTION

The Matrix 220 compact barcode imager offers outstanding performace on standard and DPM codes in a compact and lightweight body. Offering higher performace than a MATRIX120 and still in a compact body the MATRIX220 is ideal for more demanding applications.
Superior performance is provided thanks to a new multi core image processing platform and high resolution 1.2MP sensor, embedded fieldbus and PoE capabilities it is an ideal choice for high speed scanning in compact applications.
The Matrix 220 is excellent for DPM and highly reflective surface scanning with its diffuse multi LED polarised version or it can be used with the standard white LEDs for easier to read applications.
As with all of the Matrix series its fully compatible with the easy to use DL.CODE software suite.
Also the MATRIX220 is uniquely designed to be placed on the end of a robot arm due to its size, performance on DPM codes and PoE capabilities.

TECHNICAL DATA

1D Code types	Auto discriminates all standard 1D codes
2D Code Types	Aztec Code, Data Matrix, MaxiCode, Micro QR Code, QR Code, Dot Code
Colour LED	White
Connection type	M12 17P + ETH
Digital inputs	2
Digital outputs	3
Dimension (mm)	78 x 47 x 38
Distance max	400 mm
Distance min	40 mm
Frame rate max	45 fps
Integrated communication interface	Ethernet 10/100 Mbit/s: Fieldbus PROFINET-IO, Ethernet IP, Modbus TCP, Serial RS-232/RS422FD, OPC UA

IP class	IP67, IP65
Lens material	Plastic
Material of body	Aluminium
Multi label reading	No
Postal Code Types	Planet Code, Postnet, Royal Mail Code (RM4SCC), Japan Postal
Power consumption	42 W
Programming options	DL.CODE, Host Mode programming, X-PRESS
Readable code types	1D / Linear Codes, 2D Codes, Postal Codes
Sensor size	1/3"
Sensor Type	CMOS
Shutter type	Global
Storage temperature max	70 °C
Storage temperature min	-20 °C
Supply voltage	10-30 V DC
Temperature operational max	50 °C
Temperature operational min	-10 °C
Viewing angle	7mm
Weight	173 g







