

## DATALOGIC MATRIX 410N IMAGER

LTB - 31.12.2023 Contact [vision@oem.co.uk](mailto:vision@oem.co.uk) for possible replacements.

MATRIX410N500010  
MATRIX 410N 500-010 1.3MP-60FPS-ETH - Replaced  
by - MATRIX320700-030 - CM 2MP 1/3"

- 2 MP imager
- Detects 1D and 2D code types
- Up to 60 fps
- Integrated communication via RS232/485 ,TCP/IP, HTTP, FTP, PROFINET IO, ETHERNET/IP, MODBUS TCP as standard



### PRODUCT DESCRIPTION

Last time buy of the MATRIX410N is 31.12.2023. The possible replacement product would be from the MATRIX320N family.

You can find the web page here: [Datalogic Matrix 320 Imager MATRIX320700-030 | OEM Automatic Ltd](#)

The Matrix 410N™ has an ultra-fast image sensor performing at 2.0 megapixels and a frame rate of 45 frames per second, and is a 2D imager purpose built for the most complex traceability application in material handling and logistics.

With multiple communication interface options increasing flexibility and cost effectiveness, the Matrix 410N™ offers Ethernet connectivity embedded, including standard communication such as TCP/IP, HTTP, FTP, as well as common industrial fieldbus communication protocols, like PROFINET IO, EtherNet/IP, Modbus TCP/IP. Equipped with features for increased ease of use and configurability, the Matrix 410N™ has the option for a single or multi-device layout for scanning over large areas or multiple signs.

An easy to use graphical user interface is powered by DL.CODE, supporting in-line monitoring functionality, including live image display, reading statistics and diagnostics. With image saving capability for reading case review, e.g. no reads, the Matrix 410N can store up to 3,000 images either onboard or at an external FTP client.

### TECHNICAL DATA

1D Code types	Code 39, Code 128, Interleaved 2/5
2D Code Types	Aztec Code, Data Matrix, MaxiCode, Micro QR Code, QR Code
Digital inputs	2
Digital outputs	2
Dimension (mm)	123 x 60.5 x 87
Frame rate max	60 fps
Integrated communication interface	RS232 + RS232/RS422/RS485, Ethernet IEEE 802.3 Base T & IEEE 802.3U 100 BaseTX compliant, ID-NET

<b>IP class</b>	IP67
<b>Material of body</b>	Aluminium
<b>Postal Code Types</b>	Planet Code, Postnet, Royal Mail Code (RM4SCC), Japan Postal
<b>Power consumption</b>	8 W
<b>Programming options</b>	X-PRESS Human Machine Interface, Windows-based SW (DL.CODE) Ethernet link
<b>Readable code types</b>	1D / Linear Codes, 2D Codes, Postal Codes, Stacked Codes
<b>Resolution</b>	SXGA - 1280 x 1024
<b>Sensor Type</b>	CMOS
<b>Stacked Code Types</b>	Pharmacode, Micro PDF 417, PDF 417, UPC/EAN, GS1 Databar Family
<b>Storage temperature max</b>	70 °C
<b>Storage temperature min</b>	-20 °C
<b>Supply voltage</b>	10-30 V DC
<b>Temperature operational max</b>	50 °C
<b>Temperature operational min</b>	0 °C
<b>Weight</b>	482 g

