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DATALOGIC MATRIX 410N IMAGER

LTB - 31.12.2023Contact 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 frme 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 grapgical use interface is powred 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

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

