OEM Automatic Sp. z o.o.
ul. Działkowa 121 A, 02-234 Warszawa
+48 22 863 27 22 | info@pl.oem.se | www.oemautomatic.pl

⊕DATALOGIC.

DATALOGIC MATRIX 300N IMAGER

**OBSOLETE - Please contact
info@oemautomatic.pl for possible replacements**

MATRIX300N435010
**OBSOLETE - Please contact info@oemautomatic.pl
for more information**

- 1.3 MP and 2 MP resolutions
- Detects 1D and 2D code types
- Up to 60 fps
- Integrated communication via Ethernet 10/100: Ethernet IP, TCP/IP, UDP, FTP, MODBUS TCP, RS232/RS422/RS485 On-board PROFINET-IO as standard

OPIS PRODUKTU

The MATRIX300N has been made obsolete and superseded by MATRIX320N 2MP OR MATRIX220 X 1.2MP. Please contact info@oemautomatic.pl for direct replacements.

Matrix 300N™ is the next-generation, compact imager in the Matrix family. This high resolution sensor has ultra-fast image acquisition, at 1.3 megapixel and a frame rate of 60 frames per second. The Matrix 300N™ is ultra-compact, purpose built for superior performance on high speed and Direct Part Marking (DPM) applications.

For the eletronic focus control the optical system incorporates a liquid lens module, as a result the reader offers automatic focus adjustment without the addition of moving parts.

The innovative design of integrated illuminators emmbedded over the entire front surface allows for bright, uniform illumonation. Suitable for illumination on normal, etched, reflective or textured surfaces due to the lighting design using both bright and dark field patterns.

The small dimensions of the Matrix 300N™ and rotating connector makes it ideal for integrating into small, tight spaces, as well as the M12, 4 pole connections making for easy integration into existing systems.

Additionally the compact flexible design offers cost effective communication options with Power over Ethernet (POE) connection through standard ethernet connection. other connectivity options include PROFINETIO and ETHERNET/IP, eliminating external communication boxes or converters.

SPECYFIKACJA TECHNICZNA

Frame Rate Max	60 fps
Kąt odczytu	24° (16mm)
Masa	238 g
Materiał obudowy	Aluminium
Materiał soczewki	Plastikowy
Max. temperatura pracy	50 °C
Max. temperatura składowania	70 °C
Min. temperatura pracy	0 °C
Min. temperatura składowania	-20 °C
Napięcie zasilania	10-30 V DC
Pobór mocy	5 W
Shutter type	Global
Stopień ochrony IP	IP67
Typ czujnika	CMOS
Wejścia cyfrowe	2
Wyjścia cyfrowe	3
Wymiary	95 x 54 x 43
Zintegrowany interfejs komunikacyjny	Ethernet 10/100, RS-232/RS422/RS485