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

DATALOGIC - MATRIX 450N EXTREME PERFORMANCE

OBSOLETE - Please contact vision@oem.co.uk for possible replacements

MATRIX450800030
OBSELETE - Please contact vision@oem.co.uk for an alternative

- 5MP image sensor
- White and Blue lighting options
- PACKTRACK™ capability
- Gigabit Ethernet Integrated Connectivity

PRODUCT DESCRIPTION

Designed for logistic applications, the MATRIX 450N™ is a high-end industrial 2D reader, able to cover a range of applications never covered before by a 2D-imager by capturing 5 million pixels 15 times in a second. MATRIX 450N™ perfectly meets the requirements of both automated and manual material handling.

The MATRIX 450N™ is the perfect solution for high speed transportation on small and middle size conveyors, thanks to the extraordinary acquisition rate at very high resolution and strong illuminators. The PACTRACK™ capability allows the Matrix 450™ to minimize the gap between objects therefore increasing system productivity. Multiple reading attempts are no longer needed due to the large area coverage in a single shot, this allows for the highest throughput and maximum ease of use.

The ID-NET™ readers clustering permits to effectively extend the reading area for singleside and multi-side applications. Captured image are stored on-board and optionally transferred to external supports through the integrated Gigabit Ethernet connectivity.

Additional features of the MATRIX 450N™

- Continuous frame acquisition
- No-flashing white illumination
- Colored spot indicators
- No moving parts
- Rugged metal construction
- IP65 enclosure rate
- Operative temperature up to 50°C guarantee a long life cycle even in harsh industrial environments.

TECHNICAL DATA

Connection type	Gigabit Ethernet
Dimension (mm)	170 x 200 x 150
IP class	IP65
Material of body	Aluminium
Multi label reading	Yes
Read speed	15
Readable code types	1D/2D

Resolution	5MP - 2448 x 2050
Sensor Type	CCD
Supply voltage	24 V DC
Temperature operational max	50 °C
Temperature operational min	0 °C
Weight	3000 g