

## DATALOGIC - MATRIX 450N EXTREME PERFORMANCE

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

MATRIX450800030

**\*\*OBSOLETE - 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

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

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