

## 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 PACKTRACK™ 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.

### Specifications

<b>Connection</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

Resolution	5MP - 2448 x 2050
Sensor type	CCD
Supply voltage	24 V DC
Temperature range from	0
Temperature range to	50
Weight	3000