

HIGH PERFORMANCE READER MADE FOR INDUSTRIAL APPLICATIONS

Bologna, 25 July 2019 – With the launch of the new Matrix™ 300N 2MP, Datalogic offers users a new solution for demanding reading applications in automotive, electronics, intralogistics and packaging lines.

For guaranteeing fast and accurate reading of 1D- and 2D-Codes, including DPM codes, the new Matrix is equipped with a 2 Megapixel resolution sensor. Depending on the application, material surfaces differ and can vary from shiny metal to low contrast printing. In order to ensure full detection of such codes the Matrix 300N offers different illumination options including polarized, diffused, red and white lighting.

To maximize user friendliness Matrix comes with new features developed to make operator's life easier. For making the remote job change during assembly line reconfiguration smooth and easy the reader features a new liquid lens technology that offers electronic focus adjustment. At the same time it supports the operator in situations where the production line cannot be easily reached by ensuring fast and dynamic focus change via trigger - without manual set-up. To eliminate the flickering effect that could disturb operators, the reader has a continuous high-power mode (CHPM) light setting.

Being a robust and flexible device the Matrix 300N protects customer investments and supports versatile applications. With its IP65 and IP67 industrial grade rating and an operating temperature range from 0 to 45 °C / 32 to 113 °F the imager guarantees full reliability even in harsh industrial environments. Thanks to its compact dimensions and rotating connectors the Matrix 300N 2MP can be easily integrated into tight spaces. Additional flexibility is granted by different communication options that include onboard PROFINET IO and Ethernet/IP.

With its outstanding performances and competitive pricing, the Matrix 300N 2 MP sensor empowers the Matrix 300N product family delivering a high performance/price ratio offering in the Datalogic portfolio.