

MATRIX 220: THE MOST COMPACT AND FLEXIBLE TOP PERFORMER



Bologna 3rd April 2019 - Datalogic, a global leader in the automatic data capture and process automation markets, is pleased to announce the Matrix™220, the most compact image based barcode reader, capable of providing top performance with the highest flexibility.

The new multicore image processing platform of Matrix 220, together with the new industrial grade electronic focus technology and the innovative lighting solutions, make it the ideal imager for Electronics, Automotive, Packaging and Document Handling applications.

The Matrix 220 is indeed the highest step of the Matrix product line, which has already established itself in the manufacturing industry thanks to the extreme reading flexibility and the easiness of installation and integration in tight spaces, thanks to ultra-compact dimensions and rotating connectors. This new model integrates an ultra-flexible illumination system, perfect for reading barcodes marked with DPM (Direct Part Marking) and offers in a single model the embedded polarized and diffused light options resulting in optimal illumination on any type of surface.

The new Matrix 220 Standard and DPM High Power (HP) illuminators models are the ideal solution for challenging high-speed applications and DPM applications that require double image luminosity, while the electronic focus control allows an easy remote job change during assembly line reconfiguration.

The new flexible cables are designed for applications in which the torsions are continuous and on different axes, providing extreme robustness and suitable for Matrix 220 use on robotic arms. The IP65 and IP67 industrial grade rating and the operating temperature range from -10 C (14 F) to 50 C (122 F) guarantee the best quality and robustness in the Manufacturing Industry applications with harsh environment.

“These cameras provide copious advantages in the right applications, and can open up entirely new possibilities for inspection, measurement and other vision applications.”, said Giuseppe Centola, Manufacturing Industry Marketing Manager of Datalogic. “The Matrix 220 imager offers cost-effective communication options with Power over Ethernet (PoE) connectivity, on-board PROFINET IO and ETHERNET/IP industrial Fieldbus and the ID-NET™ multi-reader clustering/networking.”

