

Three sought-after sensors for the uEye FA camera family as of August



New uEye FA camera models available with 5 MP polarisation sensor, 12 MP or 20.44 MP from Sony

Strong and sturdy: our uEye FA industrial cameras are particularly robust and therefore ideally suited for demanding environmental conditions, for example in factory automation.



Starting in August, we are offering three new sensors in the family: The 12 MP (IMX226) and 20.44 MP (IMX183) Sony sensors are true high-performers with high resolution and low noise. For special requirements we also integrate the 5 MP polarisation sensor IMX250MZR. [Prototypes will be available from mid-July.](#)

The housings of the uEye FA models, lens tubes and the screwable connectors (8-pin M12 Ethernet connector with X-coding and 8-pin Binder connector) meet the requirements of protection class IP65/67. The GigE cameras can be operated either with 12-24 V or alternatively as a PoE setup (Power-over-Ethernet). Software-wise, the cameras are supported by our state-of-the-art IDS peak SDK.

Both the 12 MP rolling shutter sensor IMX226 (4000 x 3000 px) and the 20.44 MP rolling shutter sensor IMX183 (5536 x 3692 px) are part of the Sony STARVIS series and provide exceptional light sensitivity and low noise thanks to their BSI technology ("back-side illumination"). The 5 MP polarisation sensor IMX250MZR shows its strengths especially in low contrast or reflective light and helps to make scratches on surfaces or the stress distribution within transparent objects visible.

→ [Go to the uEye FA camera family.](#)

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