IC-M12S-CXP Release Newsletter

- **High-Speed High-Resolution Camera Technology**

**Pre-Release monochrome available December.**

**Monochrome Final Release September.**

**More NEW cameras being released by ISVI!**

**New Features at M2**

- A high-speed high-resolution camera aligned with the latest technology
- Includes 3 new high-speed models for 2015
- B-C 4-Multi-Connector Compatible

**High-Speed High-Resolution Camera Technology**

**IC-X12S-CXP**

- An Anti-Reflective coated IR-Cut
- A Bayer CFA

**IC-M12S-CXP (Fig.2)**

- Available for the timing of the image

**Reserved - Do Not Connect**

**I/O**

- Reserved for certain machine vision industry
- Each camera has 2 channels

**IC-X12S-CXP**

- CXP standard
- Special timing control opens up new approaches to solving illumination timing issues

**IC-X12S-CXP**

- Standard with BBAR
- Color Bayer standard with IR Cut

**Chroma Lens Mount**

- F-Mount, M72, M58, M42, Leica-M

**Precision Sensor Mounting**

- An increased substrate layer

**Sensor**

- CMV12000 sensor with an increased substrate layer

**Image Control**

- Analog Control
- Digital Gain, Gamma
- Programmable Period in 1 µsec steps, External PWC

**SNR**

- Int/Ext Trigger
- Exposure
- Exposure Delay
- Strobe Delay
- Output

**Implementation of SPC**

- Sensor Performance Control (SPC) is a method to optimize image quality and high-speed image acquisition

**Spectral Response**

- 15 nm, 25 nm, 55 nm

**Dimensions**

- 120 x 120

**Weight**

- 400 g (without lens mount), 540 g (include F-Mount)

**MTBF**

- 4000 hours

**Relative Humidity**

- 0% to 95%

**Operating Temperature**

- -40°C to +40°C

**Int/Ext Trigger**

- 0.0 to 1.0

**Exposure**

- 0.0 to 0.9

**Exposure Delay**

- 0.0 to 0.9

**Strobe Delay**

- 0.0 to 0.9

**Output**

- 0.0 to 0.9

**Alrad**

- MENZEL VISION

**ASYMCO**

- ISVI Korea

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- Available on ISVI’s Website: www.isvi.com

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