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e-CAM130_CUMI1820_MOD – 13MP MIPI Camera Module



e-CAM130_CUMI1820_MOD is a 13MP MIPI Camera Module. This small form factor 13MP camera module comes with S-Mount lens holder. It is based on AR1820HS – an 18MP CMOS Image sensor from Aptina™ / ON Semiconductor® and has a dedicated, high-performance Image Signal Processor chip (ISP) on-board that performs all the Auto functions (Auto White Balance, Auto Exposure control) in addition to complete image signal processing pipeline that provides best-in-class images and video and the optional MJPEG compression. Though the AR1820HS is an 18MP image sensor, the e-CAM130_CUMI1820_MOD supports only up to 13MP resolution.



[Check out the other 13MP AR1335 MIPI camera module is readily available for purchase.](#)

e-CAM130_CUMI1820_MOD Documents

Download

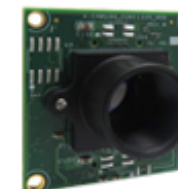
Volume Price starts from

US\$89

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Excluding Shipment Charges

e-CAM131_CUMI1335_MOD - 13MP 4K Camera Module



- Key Features
- Sensor Features
- Interfacing
- Documents
- Evaluation Kit
- Customization

- › 13MP Colour camera with 4-lane MIPI CSI-2 interface
- › 1/2.3" Optical Form-factor
- › Uncompressed YUV streaming and compressed MJPEG streaming
- › S-mount interchangeable lens holder for flexibility to choose a lens as per application requirements
- › LED Control signals and STROBE output signal for firing the illumination LED
- › External Trigger input
- › Face detection capability
- › **Maximum Image Transfer Rate*** YUV422 Output Format

Resolutions	USB 3 Interface For PC solution	MIPI Interface For NVIDIA Jetson TK1
VGA	60 fps	60 fps
HD (720p)	60 fps	72 fps
Full HD (1080p)	30 fps	72 fps
Ultra HD (3840x2160)	9 fps	30 fps
13MP (4224x3156)	5 fps	20 fps

- › Small form-factor pluggable camera module with S-mount lens holder
- › 30mm x 30mm size. Height depends on the Lens
- › 2x 20-pin SMT Connectors on two sides of the camera module for better mechanical stability
- › RoHS Compliant
- › Power consumption of Camera Module Board : 1.37W (Approx)
- › **Launched on: 18 Feb 2015**

VOLUME PRICE STARTS FROM

US\$69

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[13.0 MP AR1335 MIPI](#)

* - The maximum frame rate depends on the application processor ability to read the camera image, decode and display, in addition to the ambient light of the scene

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