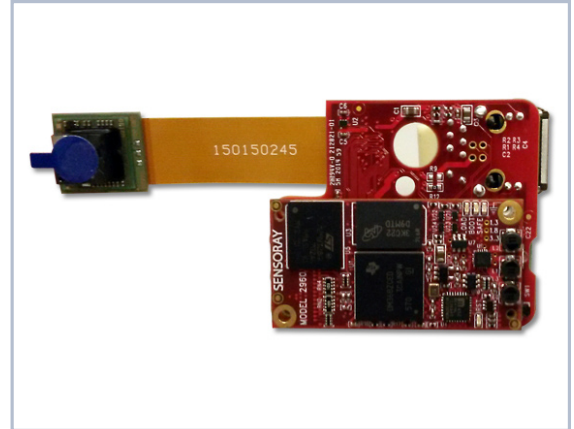


Miniature 13 Megapixel HD IP Camera

FEATURES

- HD 1080p video capture at 30 fps
- 13 megapixel JPEG snapshots at 5 fps
- Image stabilization, autofocus
- Dual output streams
- High sensitivity CMOS sensor
- Supports both POE and 5 VDC power



Model 3011 is a miniature HD IP camera capable of producing an H.264 or JPEG compressed stream at up to 1080p30, and two simultaneous streams at lower resolutions. JPEG capture is supported for resolutions up to 4192 x 3104, at frame rates up to 5 fps.

Advanced features such as autofocus, auto white balance, image stabilization, and ultra-tough packaging make this device a perfect fit for a variety of applications. Model 3011 consumes less than 3 W from POE (power over Ethernet) or an external 5 V power supply.

COMPRESSION

The camera performs efficient H.264 video compression (HP@L3) and outputs the compressed video in MP4, transport stream, or AVI formats. Two separate output streams — each with independently configurable resolution and bitrate — can be generated for some combinations of resolutions.

REAL-TIME TEXT OVERLAY

Built-in overlay generators allow up to 160 text characters to be positioned anywhere in the video frame. A unique text string, consisting of mixed constant and variable text, may be defined for each overlay generator. Text variables such as time, date, and frame count are automatically updated every video frame.

WEB INTERFACE

A built-in web server facilitates device configuration and control, user management, and live stream previewing using any web browser. Each output stream can be directed to a specific network address so that a remote computer can record it or display the live video with a player application such as VLC.

SPECIFICATIONS	
Image sensor	Progressive scan, CMOS, 4192 x 3104 (Sony FCB-MA130)
Focus range	100 mm to infinity
Compression	H.264 High Profile at Level 3, JPEG
Compressed stream formats	MP4, AVI, transport stream
Text overlay	Programmable, up to 160 characters
Output Resolutions	4192 x 3104 (JPEG only, 5 fps) 1920x1080, 30 fps 1280x720, 30 fps 640x480, 30 fps
Interface	Ethernet, 100BaseTX
Power options	POE, IEEE 802.3af compliant; +5 VDC
Power consumption	2.5 W typical; 3 W maximum
Environmental	-5 to +50 °C operational temperature
GPIO	Opto-isolated, 1 in, 1 out

