

# C3-415 - 8M/4K (was C3\_4K)

## Sensor specifications

Pixels	3840H x 2160V
Sensor size	5.568 x 3.132 mm
Shutter	Electronic Rolling Shutter
Sensor pixel size	1.45µm x 1.45µm
Frame rates	<ul style="list-style-type: none"><li>• MJPG - 30fps in all modes</li><li>• YUV 4:2:2 (YUYV)</li></ul>
Output frame sizes	3840×2160, 2592×1944, 2048×1563, 1920×1080, 1600×1200, 1280×720, 1280×960, 800×600, 640×480, 320×240, custom available on request
Manual control	<div><ul style="list-style-type: none"><li>• Exposure</li><li>• White balance (2000°K - 10000°K)</li><li>• Gain</li><li>• Gamma</li><li>• Backlight compensation</li><li>• Zoom, Pan, Tilt, Rotation</li><li>• Low light compensation</li></ul></div> <div><ul style="list-style-type: none"><li>• Sharpness</li><li>• Contrast</li><li>• Saturation</li><li>• Hue</li><li>• Brightness</li><li>• Anti-flicker frequency</li></ul></div>
Rated power	<ul style="list-style-type: none"><li>• 2W max</li><li>• 290mA @ 5V - MJPEG / YUYV</li></ul>
Supported OS	<ul style="list-style-type: none"><li>• Windows</li><li>• OSX</li><li>• Linux</li><li>• Android</li></ul>
Sensor	Sony IMX415

## Variants

SKU	Filter	Chroma	Note	
C3-415C-M12	9.5mm for wide angle lenses	RGB Color	M12	<b>Most common use for wide angle and fish-eye lenses.</b>
C3-415C-M12L	14.7mm for regular and telephoto lenses	RGB Color	M12L	<b>Modification for lenses above 6mm (typical)</b>
C3-415C	Visible band-pass (IRCUT filter) LP0689_P1010	RGB Color	CS	<b>Essential for real-life colors</b>
C3-415C-NF	No Filter	RGB Color	CS	Full spectrum false color imaging
C3-415C-NIR1	Long-pass NIR 850nm filter LP0689-P1012	RGB Color	CS	Blocks visible light, can see only Infrared.

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