

# LTCN09

## Zoom Camera Module (2 MP, 60 fps, 36X)



<b>Model</b>	<b>LTCN09</b>
<b>PTZ Control Protocol</b>	40 types of control protocol including Pelco D/Pelco P
<b>Certifications</b>	ONVIF, PSIA
<b>Operating Ambient Temperature</b>	-10 °C to 50 °C (14 °F to 122 °F)
<b>Relative Humidity</b>	5 % to 95 % noncondensing
<b>Input Power</b>	12 V DC
<b>Power Consumption</b>	5 W maximum
<b>Dimensions (W × H × L)</b>	56 mm × 67 mm × 124 mm (2.2 in × 2.6 in × 4.9 in)
<b>Weight</b>	356 g (0.8 lb)

\*Design and specifications are subject to change without prior notice.

### Features

- 1/1.9-inch Sony Exmor CMOS
- 0.001 lux minimum illumination in black and white mode
- H.265/H.264/MJPEG compression
- 60 frame per second at 1920 × 1080
- 2-way audio
- Operating temperature range from -10 °C to 50 °C (14 °F to 122 °F)
- ONVIF compliant

### Tech Specs

<b>Model</b>	<b>LTCN09</b>
<b>Type</b>	Network camera module
<b>Image Sensor</b>	1/1.9-inch Sony Exmor CMOS
<b>Lens</b>	f = 6 mm to 216 mm (36X), F/1.5 to F/4.8, auto focus, auto iris
<b>Digital Zoom</b>	16X
<b>View of Angle</b>	58.5° (wide) to 2.1° (tele)
<b>Effective Pixels</b>	1920 × 1080
<b>Minimum Illumination</b>	<ul style="list-style-type: none"> <li>▪ Color: 0.048 lux at (F/1.6, AGC on)</li> <li>▪ Day and Night: 0.001 lux at (F/1.6, AGC on)</li> </ul>
<b>Electronic Shutter Range</b>	1/1 to 1/100000 second
<b>Wide Dynamic Range (WDR)</b>	3D
<b>Digital Noise Reduction (DNR)</b>	0 to 5, total 6 steps
<b>Video Compression</b>	H.265/H.264/MJPEG
<b>Audio Compression</b>	G.711
<b>Frame Rate</b>	60 frames per second (1080p)
<b>WhiteBalance</b>	Auto/indoor/outdoor/OPW/ATW/manual
<b>Auto gain</b>	Auto/Manual