



*Hex camera mounted on a vehicle utilizing one of Immersive Media's optional vehicle mounting kits.*

The high resolution Hex spherical digital camera system uses a six lens, 12 MP 360° camera that allows the system to collect video from more than 80% of the full 360° sphere. The Hex camera system is an ideal solution for applications that require very high resolution, spherical captures. Coupled with the imRecorder or imLive, the hex digital camera system provides users with a complete digital camera package that effortlessly records 12mp, high resolution 360° video.

Hex Camera Specifications	
<b>Camera Type</b>	Hex 3360
<b>Imaging Sensor Type</b>	Single unit, high resolution IEEE-1394b spherical digital video
<b>Imaging Sensor Model</b>	Six Sony progressive scan color CCD's (5 in 360 ring, 1 on top)
<b>Maximum Resolution</b>	5400 x 2700, 12 Mega Pixels
<b>Maximum Frame Rate</b>	25 fps at 1/2 resolution, 15 fps at full resolution
<b>A/D Converter</b>	Analog Devices 12-bit ADC
<b>Effective Imager Size</b>	6.26 mm (H) x 5.01 mm (V)
<b>Video Data Output</b>	8-bit Bayer (color) digital data
<b>Signal to Noise Ratio</b>	62 dB at 0 dB gain
<b>Digital Interfaces</b>	9-pin 1394b (FireWire) 800 Mb/s for control, data and power
<b>Lenses</b>	Six 3.3 mm focal length microlenses
<b>Bandwidth</b>	>80% of full sphere, IEEE 1394b 800 Mb/s
<b>Programmable Exposure</b>	Automatic, manual, gain priority, shutter priority



<b>Gamma</b>	0.5 - 4.0
<b>White Balance</b>	Automatic or manual
<b>Power Requirements</b>	8~30 V via IEEE 1394b
<b>Power Consumption</b>	7.2W at 12V
<b>Housing Material</b>	Water Resistant Machined Aluminum
<b>Dimensions</b>	134mm (W) x 141mm (H) (5.1" x 5.5")
<b>Mass</b>	Camera Head: 2.416 kg (5.31 lbs)
<b>Emissions Compliance</b>	CE and Part 15 Class A FCC Rules
<b>Operating Temperature</b>	0° – 45° Celsius (

*Hex camera pole mounted at a studio shoot.*



*Hex camera pole mounted on retractable permanent helicopter mount . (Courtesy of WPVI Philadelphia)*

