

SPECIFICATIONS

Presence Capture	Spherical and stereoscopic video capture with 360x360 surround sound array
Video Sensor Type	Progressive Scan with Global Shutter
Video Sensor Array	Eight, synchronised, 2K x 2K sensors
Video Area Coverage	Full-spherical, 360 x 180 degrees
Min Imaging Distance	0.5m / 20" (spherical video coverage)
Stereoscopic Coverage	Centerline +/- 130(h), 65(v) degrees
Lens Interoptic Distance	Effective max. 86 mm / 3.4"
Lens Angle of View	195 degrees per lens
Relative Aperture	f/2.4
Video Dynamic Range	60 dB / 10 stops
Basic Color Temperature	5,000 degrees Kelvin
Base Sensitivity	ISO 400
Audio Sensor Type	Omnidirectional, solid state
Audio Area Coverage	Full-spherical, 360 x 360 degrees
Audio Dynamic Range	64dB S/N, 120dB max SPL
Master File Format	MOV wrapped OZO Virtual Reality 8Ch raw Video and 8Ch PCM Audio
Video Compression	Wavelet-based raw
Media Module	500GB, Solid State Media
Record Duration	45 min per Media Module
Program Output	3G-SDI SMPTE 242M, DIN connector
Capture Frame Rate	30.00 fps
Cooling System	Passive (fanless) design
Battery Pack	Rechargeable Lithium Ion
Power Consumption	12V DC, approx 30W in record mode

OZO Remote Application	Available for OSX® 10.10 Yosemite
Camera Control	via 802.11 Wifi
Monitor Output	HDMI, Stereoscopic Virtual Reality render
OZO Creator Application	Available for OSX® 10.10 Yosemite
Editorial Preview	MOV, monoscopic 360 degree panorama
DPX Output	DPX, 2K x 2K per lens x 8 lenses, 10-bit, sRGB color space
Stitched Output	DPX, stereoscopic, 3840 x 2160 per eye
Weight	4.2kg / 9.3lbs including Battery
Construction	Milled Aluminium Alloy
Color	Lava Grey
Dimensions - camera head only	262,95 x 168,36 x 157,83mm / 10.4x6.7x6.3"
Dimensions - with camera mount	262,95 x 168,36 x 238mm / 10.4x6.7x9.4"
Planned Certifications	CE, FCC Part 15 Class B
Operating Temperature	0C to +25C (+32F to +77F)
Storage Temperature	-40C to +50C (-4F to +122F)