

SPECIFICATIONS

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| 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 |
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| 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 |
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| 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 |

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| OZO Remote Application | Available for OSX® 10.10 Yosemite |
| Camera Control | via 802.11 Wifi |
| Monitor Output | HDMI, Stereoscopic Virtual Reality render |
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| OZO Creator Application | Available for OSX® 10.10 Yosemite |
| Audio Mix Preview Output | MOV, monoscopic stitched panorama |
| Video Composition Output | DPX, 8K x 4K 10-bit sRGB color spacet |
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| 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" |
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| Planned Certifications | CE, FCC Part 15 Class B |
| Operating Temperature | 0C to +25C (+32F to +77F) |
| Storage Temperature | -40C to +50C (-4F to +122F) |