

**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

Supported Operating Systems	Mac OS X® 10.11 El Capitan, macOS™ 10.12 Sierra, Windows 10
Supported Hardware	Mac Pro® (Late 2013) with dual AMD FirePro™ D500 Mac Pro® (Late 2013) with dual AMD FirePro™ D700 PC with Intel quad core-i7 CPU, 16GB RAM, 2 x NVIDIA GTX 1080 GPU PC with Intel quad core-i7 CPU, 16GB RAM, 2 x AMD Radeon™ RX480 8GB  With Limited Monitoring Performance: PC with Intel quad core-i7 CPU, 16GB RAM, 1 x NVIDIA GTX 1080 GPU PC with Intel quad core-i7 CPU, 16GB RAM, 1 x AMD Radeon™ RX480 8GB Asus ROG G752VS laptop with GTX 1070 8GB MacBook Pro® (Late 2013) with discrete AMD or NVIDIA GPU MacBook Pro® (Late 2016) with discrete AMD Radeon™ Pro GPU
Supported SDI Adapters / Recorders	BlackMagic UltraStudio Mini Recorder (Thunderbolt™ 2) BlackMagic HyperDeck Studio Pro (Thunderbolt™ 2) BlackMagic UltraStudio SDI (USB 3.0) BlackMagic DeckLink (4K) Mini Recorder (PCIe) (Windows 10 only)  Thunderbolt SDI adapters have been tested also together with: Startech Thunderbolt™ 3 to Thunderbolt™ 2 adapter Apple Thunderbolt™ 3 to Thunderbolt™ 2 adapter
Camera Control	802.11 Wifi
Monitor Output	Stereoscopic monitoring including full 3D audio with Oculus DK2 on Mac OS X® and Oculus Rift on Windows

## OZO CREATOR APPLICATION

Supported Operating Systems	Mac OS X® 10.11 El Capitan, macOS™ 10.12 Sierra, Windows 10
Supported Hardware	Mac Pro® (Late 2013) with dual AMD FirePro™ D500 Mac Pro® (Late 2013) with dual AMD FirePro™ D700 PC with Intel quad core-i7 CPU, 16GB RAM, 2 x NVIDIA GTX 1080 GPU PC with Intel quad core-i7 CPU, 16GB RAM, 2 x AMD Radeon™ RX480 8GB
Monitor Output	Stereoscopic monitoring including full 3D audio with Oculus DK2 on Mac OS X® and Oculus Rift on Windows

## OZO PREVIEW APPLICATION

Supported Operating Systems	Mac OS X® 10.11 El Capitan, macOS™ 10.12 Sierra, Windows 10
Supported Hardware	Mac Pro® (Late 2013) with dual AMD FirePro™ D500 or better PC with Intel i5-4590 CPU, 8GB RAM, NVIDIA GTX 970 or AMD Radeon™ RX480 GPU or better MacBook Pro® (Late 2013) with discrete AMD or NVIDIA GPU MacBook Pro® (Late 2016) with discrete AMD Radeon™ Pro GPU
Monitor Output	Stereoscopic monitoring including full 3D audio with Oculus DK2 on Mac OS X® and Oculus Rift (NVidia or AMD) or HTC Vive™ (NVidia) on Windows

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