Cinematic VR180

iZugar

Z CAM K2pro
powered by **iZugar Fisheye**

Z Cam K2 Pro (Pre-production edition)

Embrace Cinematic VR180

- ✔ **Excellent Sensitivity**
- ✔ **Precise Color Science**
- ✔ **Professional Stereo**
- ✔ **Capture upto 120fps**
- ✔ **Best-in-class Optics**

iZugar
Empowering Virtual Reality

Making VR180 with K2 Pro

Set your preferred shooting parameters to the stereo pair
Press the shutter on master cam to start/stop recording

Screenshot of the Z Camera app on iPad

Post Processing with MistikaVR using Preset
for unwrapping fisheye, aligning for stereo and much more

MisktikaVR license not included

4:3 2772p mode
fov 200 x 197 deg

VFR 120fps mode
fov 200 x 154 deg

180 Unwrapped

K2 Pro - Key Features

Excellent Sensitivity
Dual 4/3"WDR sensors with 13~15 stops dynamic range
Dual native ISO, very smooth in low light even at ISO10000

Precise Color Science
10-bit color recording, support Prores 422 HQ and H.265
color mode: zlog2, flat, Rec709, ZRAW
LUT files and Zcolor plugin for one-click color conversion

Professional VR180
Inter-ocular distance at 64mm, perfect for VR180
Fully synchronized shutters
Co-ordinated WB and exposure
Live Streaming with WonderLive
Small lens footprint in output

High Speed Shooting
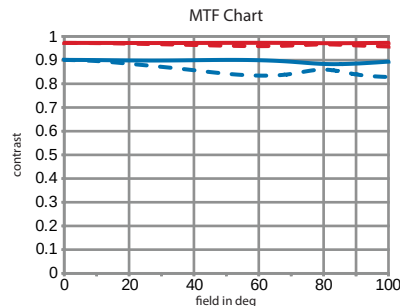Frame rate upto 120fps, smooth in headset and cool for slow motion

Close-up friendly
Higher precision enable better tolerence and shorter working distance:
2 inch for mono, 2 feet for stereo

Best-in-class Optics
Tailor made by iZugar, the MKX200 3.8mm ASPH fisheye lenses
- Super sharp image across the whole field
- Distortion free and minimal chromatic aberration
- Aperture stop from f/2.8 to f/11
- Advanced flare control

MTF Chart

contrast

field in deg

IZUGAR 3.8mm

The Ultimate Cinematic VR180 Camera

Professional VR video producers always demand high performance equipment for their stories in ever challenging environments. The brand new K2 Pro is the most versatile VR180 device, the high capabilities unlock many new possibilities for your next master pieces. Being the successor of the popular K1 Pro, we believe that the K2 Pro will ignite a new wave of cinematic VR experiences.

Based on the mighty cinematic camera E2 and our tailor made premium fisheye optics, we are making VR180 like never before!

The K2 Pro has a pair of WDR sensors with upto 15 stops in dynamic range, the 4.63μm sensor pitch size ensures the best low light performance. Interocular distance at 64mm guarantees the best stereoscopic experience. It records 10-bit color in Prores 422HQ, and exports upto 5K@120fps in VR180 format. The tailor-made iZugar MKX200 fisheye lenses provide edge to edge super sharpness with minimal distortion and chromatic aberration.

The cinematic VR180 camera is ready, it's time to make more high quality stories!

Technical Specifications

Product ID   K2 Pro (Pre-production)
Output size   5.7K VR180 format upto 120fps (post stitching)
Storage   Cfast 2.0 or type-C SSD (not included)
Power   Sony NP-F series compatible (not included)
Weight   1.65kg (without battery and storage)
Dimension   180x110x95mm

For other technical details please refer to Z Cam E2:
http://www.z-cam.com/e2/

What's in the box

iZugar MKX200 Lens *2pcs, pre-calibrated
ZCam K2 Pro pre-production camera *1pcs
Sync cable *1set
Power cable *2set
Carrying case *1pcs

For more info, visit
www.izugar.com