

Technical Specification for 4K 3D 360 Spherical VR Camera

S.No	Specifications	Complied/ Not complied	Reference page No
1.	<u>Operation:</u> a. Processors - Two Ambarella A9 video processors		
	b. Controls - Single button operation and remote control mobile application		
	c. Indications- Colorful LED indications		
	d. IP rating - IP65 (Dust tight, water jet proof)		
	e. Operating ambient temperature - 0 - 40°C		
	f. Operating ambient humidity - Under 95% RH		
	g. Battery type - Li-ion 3,700 mAh (3.8V) (non replaceable, rechargeable)		
	h. Battery life - About 2 hours recording		
	i. Motion tracking - Inertial measurement units (IMU), Accelerometer, Gyroscope, Compass		
	j. WiFi - IEEE 802.11b/g/n 2.4 GHZ		
	k. USB port - USB 2 (for charging and data connection)		
	l. Memory - Removable Micro SD card, compatible with UHS 3		
2.	<u>Video/Image:</u> a. Spherical Resolution4K (per eye)		
	b. Frame rate30fps for 3D or 60fps for 2D		
	c. 360 Video Formatmp4 (over-under for 3D)		
	d. Video CompressionH.264		
	e. 360 Photo FormatJPEG (over-under for 3D)		
3.	<u>Optics:</u> a. Sensors8 Sony FHD image sensors imx408		
	b. Lenses8x F/2.4 fisheye lenses		
	c. Media FOV360°x180° (Full Spherical)		
	d. ISO100-1600		
4.	<u>General</u> a. Camera weight~ 460 g		
	b. Camera dimensions~ 120x120x30 mm		
	c. Package dimensions - 240x160x60 mm		
	d. Camera colors - Black		
5.	<u>Includes:</u> Hard Case, Mini Handle, Mini VR Glasses, USB Cable, USB Power Adapter, Cleaning Cloth, Rubber Protective Cover, Limited 1-Year Warranty		
	Number of Units Required : 2		