

ABSOLUTE ZERO

Make reality virtual

THOR

TECHNICAL DATA SHEET

Absolute Zero ApS

CVR 38010425

www.absolutezerovr.com



CAMERA MODEL	THOR
Price	€ 2.799
Delivery	Q1 2018

MODES	
Photo	Yes
Video	Yes
Low Light	Yes
Photo Preview	Yes
Video Preview	Yes (via Cloud)
Time Lapse	Yes

SETTINGS	
Image Setting Control	Exposure, brightness, gamma, saturation, white balance, WDR, contrast
Downscale Resolution	Downscale after stitching
Frame Rate Control	5 - 60
High Dynamic Range	Yes
Time Lapse	Yes

VIDEO	
Resolution	7680 x 3840 (28 MP)
Frames Per Second	60
Max Recording modes	8K@60fps Mono 6K@60fps Stereo
Format	MP4
Bit Rate	16 Mbps @ H.265
Color Depth	10 bit
Wide Dynamic Range	Yes
Codec	H.265

PHOTO	
Resolution	8910 x 4550 (39 MP)
Format	JPEG
Time Lapse Photo Intervals	0.5s - infinity

AUDIO	
Format	B-format
Codec	AAC
Hertz	48 kHz

FEATURES

Charging While Recording	Yes
Wi-Fi Connection	Yes
Picture Preview	Yes
Hardware Stitching	Yes
WDR Video Capture	Yes
Storage exchangeable as single storage	Yes
Exchangeable Battery & Storage	Yes
Lens synchronization	Yes

CAMERA HARDWARE

Lenses	12
Sensor	12 CMOS sensors, rolling shutter
Field Of View	360° x 180°
Single Lens FOV	190° x 110°
Sensor Size	1/3"
Pixel Size	2.9 µm
Minimum distance to camera	50 cm
Microphones	4 directional microphones
Dimensions	22 cm diameter, 12 cm height
Weight	1.5 kg
Mount	1/4-20 UNC (top & bottom)
Housing	ABS housing & anodized aluminum
Color	Black
Memory Interface	Sata SSD drive
LEDs	4
Battery	10Ah

BATTERY

Recording Runtime	Approx. 1.5 hrs (w/ recommended batteries)
Standby Runtime	Approx. 10 hrs (w/ recommended batteries)
Time Lapse Runtime	Approx. 4 hrs (w/ recommended batteries)
Charging	Cable

MEMORY

Storage Type	1 removable Sata SSD drive
Size	Optional

DATA TRANSFER

Cable	Ethernet Gigabit
WLAN	Wi-Fi 802.11 a/b/g/n/ac. dual band
Upload Rate	2 Mbps (2.4 Ghz) / 10 Mbps (5Ghz)

ABSOLUTE ZERO APP

Remote Control	Yes
Settings Control	Yes
Battery Status Monitor	Yes
Storage Status Monitor	Yes
Data Transfer	Yes
Instant Preview	Yes
Show Stitch Lines	Yes
360 degree Projection	Yes
360 degree biocular Projection	Yes
Equirectangular Projection	Yes



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