

ABSOLUTE ZERO

Make reality virtual

THOR

TECHNICAL DATA SHEET

Absolute Zero ApS

CVR 38010425

www.absolutezerovr.com



CAMERA MODEL**THOR**

Price € 3.199 excl. VAT

Delivery Q3 2018

MODES

360 Photo Yes

360 Video Yes

Low Light Yes

Photo Preview Yes

Video Preview (via Cloud) Yes – August

Time Lapse Yes - July

SETTINGS

Image Setting Control Exposure, brightness, saturation, white balance, contrast

Downscale Resolution Downscale after stitching

Frame Rate Control 5 - 60

High Dynamic Range Yes - September

Time Lapse Yes – August

VIDEO

Resolution 7680 x 3840 (29 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 / H.264

PHOTO

Resolution 7680 x 3840 (29 MP)

Format JPEG

Time Lapse Photo Intervals 0.5s - infinity

AUDIO

Format 4 x AAC

Codec AAC

Hertz 48 kHz

FEATURES

Charging While Recording	Yes
Wi-Fi Connection	Yes
Picture Preview	Yes
Hardware Stitching	Yes - 2019
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	25 cm diameter, 17 cm height
Weight	1.5 kg
Mount	3/8-16 UNC (top & bottom)
Housing	Nylon housing
Color	Black
Memory Interface	Sata SSD drive
LEDs	4
Battery	6,8Ah

BATTERY

Recording Runtime	Approx. 1 hrs (w/ recommended batteries)
Standby Runtime	Approx. 10 hrs (w/ recommended batteries)
Time Lapse Runtime	Dependent on capture frequency
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

ABSOLUTE ZERO APP

Remote Control	Yes
Settings Control	Yes
Battery Status Monitor	Yes
Storage Status Monitor	Yes
Data Transfer	Yes
Instant Preview (single lens)	Yes
Show Stitch Lines	Yes – late 2018
360 degree Projection (via cloud)	Yes – August
360 degree biocular Projection	Yes – August
Equirectangular Projection	Yes – August



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