

360° CAMERA

INSTA360 TITAN

Shoot 11K 360 photos & videos. Titan has 8 Micro Four Thirds sensors for superior low-light performance, 10-Bit color and high dynamic range.



PROFESSIONAL HANDLING REQUIRED	DAILY RATE	
	Equipment	Staff
360° Video Specialist	€ 450,-	€ 650,-

SCOPE OF DELIVERY

Trolley for Insta360 TITAN and accessories, includes:

1x	Insta360 TITAN Camera	2x	Ethernet Cable
18x	SD 512GB memory cards Sandisk Extreme Pro	2x	Micro-USB to Micro-USB (1x long, 1x short)
1x	Lens protection (rubber ring)	2x	Micro-USB to USB Typ-C (1x long, 1x short)
1x	GPS antenna	2x	Micro-USB to Lightning (1x long, 1x short)
5x	AP antenna	1x	USB-C-Cable
1x	Power supply incl. cold appliance plug	2x	USB-charging Cable for Farsight (USB to DC)
1x	Farsight Transmitter	4x	Additional battery for Insta360 Titan
1x	Farsight Receiver	1x	Dual Charging Station for additional batteries
2x	Power supply for Farsight Transmitter & Receiver	8x	SanDisk SD UHS-I Card Reader, Black
1x	Farsight Mast Holder	1x	RSHTECH USB Hub 3.2 Gen2 with 72W power supply
1x	Ethernet Network Adapter	1x	K&M 19775 Tablet-PC-Stativ Black
1x	1/4" to 1/4" Thread Adapter	2x	Transport case for accessories



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360° CAMERA

INSTA360 TITAN



SPECIFICATIONS

Diameter	ø 228mm
Material	Aluminium alloy
Lenses	8 x 200 ° F3.2 Fisheye lenses
Storage Specifications	9 SD cards
ISO Range	100 ~ 6400
Exposure Modes	Automatic, manual, individual exposure of each lens
White Balance Modes	Automatic, manual
Photo Modes	Single shot / Burst (10 continuous shots) / Timelapse / AEB (Auto Exposure Bracketing, optional 3, 5, 7, and 9 photos for HDR shots in-camera)
Video Modes	Standard (i-Log available) / Binning (i-Log available)
Photos	Real-time stitching / Post-processing 10560 x 5280 (11K 2D), 10560 x 10560 (11K 3D)
Video	Post-processing stitching 10560 x 5280 @30fps (11K 2D), 9600 x 9600 @30fps (10K 3D), 7680 x 7680 @50fps, 7680 x 3840 @60fps, 5248 x 2624 @120fps, 10560 x 5280 @5fps (Google Street View), 10-bit video, 7680 x 7680 @30fps (8K 3D), 7680 x 3840 @30fps (8K 2D), Real-time stitching 3840 x 3840 @30fps (4K 3D), 3840 x 1920 @30fps (4K 2D)
Photo/Video Formats	Photo Formats: JPEG / DNG; Video Format: MP4
Video Encoding	H264 and H265 in-camera, ProRes 422 HQ available in post-processing.
4K Live Streaming	Modes: Built-in server / Custom server / HDMI output 4K 2D or 3D @30fps, Protocols: RTMP, RTSP, RTMPS, HLS, Simultaneous live streaming and recording for post-production in 8K 3D
8K Live Streaming	Using Insta360 8K Live* Modes: Built-in server / Custom server / SDI output 8K 2D @30fps, Protocols: RTMP, RTMPS, RTSP, Simultaneous live streaming and recording of the stitched 8K live stream *License & PC required
Bitrate per Lens	Up to 180 Mbps
Power Supply	19V 9A Adapter
Battery Capacity	Removable battery of 10000 mAh
WiFi Specifications	802.11 b/g/n, 2.4 GHz. The signal range is approx. 20 meters in open space
Antennas	GPS signal antenna + WiFi signal antenna
Ethernet Connection	Yes
Video Transmission	Insta360 Farsight allows remote control of VR recordings at distances of up to 300 meters on the ground or up to 1 kilometer from the ground into the air, with a preview of 30 frames per second.
Audio & Encoding Format	4 x Mono Mic; AAC
360° Audio	Ambisonic
Gyroscope & Stabilization	Ultra-precise 9-axis gyroscope; FlowState stabilization
Stitching	Optical Flow / Template
Exposure Range	12 stop
Supported OS	Windows / Mac / iOS / Android
Weight	5.5 kg

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TRIPOD

GITZO SYSTEMATIC

Systematic is Gitzo's top range of tripods , perfect for professional photographers using long lenses and heavy equipment.

DAILY RATE

€ 95,-

HIGHLIGHTS

3 piece adjustable tripod

Carbon eXact fiber construction

Adjustable high 10 cm - 350 cm

G-lock Ultra for secure leg-locks and quick operations



SCOPE OF DELIVERY

1x	Gitzo Center Ball Head, Series 4 - Lever	1x	Gitzo Systematic Rapid Center Column XL, Series 5, Carbon
1x	Gitzo Systematic Tripod, Ser.5 long, 3 leg segments		

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360° LIGHTS

BUSHMAN PANORAMIC HALO 360°

Bushman Panoramic's new HALO 360° light is a unique high quality portable lighting solution especially designed for 360° video.



DAILY RATE

€ 45,-

SCOPE OF DELIVERY

2x	Bushman Panoramic Halo 360 Light	2x	1/4" SPACER
2x	Bushman Magic cable with 3 magnetic ends 20 cm / 7.87 in	2x	50 cm / 19.69 in Bushman USB-C CABLE

SPECIFICATIONS

Type	Soft diffused 360° light
5 dimmer positions	20 / 40 / 60 / 80 / 100%
3 temperatures	2800° / 3600° / 5300°
CRI	>95
Lm	755 lm full power
Max. lighting time	70 minutes of full power
Switch	On/off switch
Diameter:	62 mm / 2.44 in
Height:	90 mm / 3.54 in
On the top:	1/4" male thread
On the bottom	1/4" female thread
Maximum vertical load	3 kg / 6.61 lbs

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CAMERA DOLLY SYSTEM

MOTION IMPOSSIBLE M-360 STUDIO

The original M-Series by Motion Impossible is a remote dolly system. It combines with your camera and gimbal to create the ultimate tool for remotely moving and stabilising your camera.

PROFESSIONAL HANDLING REQUIRED	DAILY RATE	
	Equipment	Staff
Videographer for Robotic & Gimbal Shoots	€ 690,-	€ 650,-



HIGHLIGHTS

Suits high level V-Con XL & 360° EVO

Typical runtimes of over 3 hrs with 1 accu (4 accus included)

Modular mounting rails to fit our range of stabilisers

Compact footprint (80 x 54 cm)

Quiet electric motor system

4wd all-terrain vehicle

Tuneable chassis to suit different terrains and payloads

Comes ready to run with controller, batteries, charger, tools and tuning springs

Powered by high capacity Lithium Polymer batteries (IATA compliant, under 100Wh)

8x8 Kenyon Gyro System

SCOPE OF DELIVERY

1x	Motion Impossible M-360 Studio	1x	M-Series Flight Case
4x	LiPo Batteries	1x	Accessories Case
1x	8x8 Kenyon Gyro System		

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DRONE & CAMERA

INSTA360 SPHERE DRONE CAMERA & DJI MAVIC AIR 2S SET

A 5.7K 360 camera that turns your drone invisible and the ultimate drone for aerial photographers on the move.



PROFESSIONAL HANDLING REQUIRED	DAILY RATE	
	Equipment	Staff
Certified Dronepilot	€ 280,-	€ 650,-

SCOPE OF DELIVERY

1x	Insta360 Sphere Drone Camera	1x	Battery charger
4x	Battery	1x	AC power cable
2x	Lens Cap	6x	Low-noise propellers (pair)
2x	Sticky Lens Guard	1x	Gimbal protection
1x	Charge Cable	1x	USB-C-Cable
4x	Micro SD 400GB memory cards Sandisk Extreme Pro	1x	DJI RC-N1 Remote Control Cable (USB-C)
1x	Nanuk Case for Mavic Air 2S version	1x	DJI RC-N1 Remote Control Cable (Lightning)
1x	DJI Mavic Air 2S	1x	DJI RC-N1 Control Cable (Micro-USB)
1x	DJI RC-N1 Remote Control	1x	ND-Filter Set (ND4/8/16/32)
1x	DJI RC Remote Control with integrated screen	1x	Battery Charging Station
6x	Intelligent Flight Battery	1x	Battery to Power Bank Adapter



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DRONE & CAMERA

INSTA360 SPHERE DRONE CAMERA & DJI MAVIC AIR 2S SET



SPECIFICATIONS INSTA360 SPHERE

Aperture	f/2,0
35 mm equivalent focal length	7,2 mm
Photo resolution	6080 x 3040 (2:1)
Video resolution	5760 x 2880 @ 30/25/24 fps 3840 x 1920 @ 50/30 fps 3008 x 1504 @ 100 fps
Photo formats	insp; RAW (dng) (RAW files require software on PC/Mac to export)
Video formats	insv (can be exported via App or Studio)
Photo modes	Standard, HDR, Interval, Night shot, Starlapse, Burst
Video modes	Standard video, HDR, Timelapse, TimeShift, Bullet-Time, Loop recording
Colour profiles	Standard, Vivid, LOG
Weight	192 g (including battery)
Dimension (W x H x D)	110 x 125 x 63 mm
Battery life	48 minutes Tested under laboratory conditions in 5.7K @ 30 fps mode
Max. video bitrate	100 Mbps
Gyro	6-axis gyro
Compatible devices	IOS & Android
Exposure value	±4EV
ISO-range	Photo: 100 - 3200 Video: 100 - 3200
Shutter speed	Photo: 1/8000 - 120 s Video: 1/8000 - max. recording fps
White balance	2700K-6500K
Bluetooth	BLE4.2
Wi-Fi	2.4GHz
USB	Type-C
MicroSD-card	We recommend microSD cards formatted to exFAT with UHS-I interface and Video Speed Class V30
Battery capacity	1050 mAh
Charging method	USB Type-C

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DRONE & CAMERA

INSTA360 SPHERE DRONE CAMERA & DJI MAVIC AIR 2S SET



SPECIFICATIONS DJI MAVIC AIR 2S

Takeoff weight	595 g
Dimensions	Folded: 180 × 97 × 77 mm Unfolded: 183 × 253 × 77 mm
Diagonal length	302 mm
Max. flight time (in still air)	31 minutes
Internal memory	8 GB
Sensor	1 CMOS, Effective Pixel: 20 MP; 2,4 µm pixel size
Lens	Field of View: 88° Equivalent to 35 mm format: 22 mm Aperture: f/2.8 Focus range: 0,6 m to ∞
ISO range	Video: 100-3200 (Auto), 100-6400 (Manual), 10-Bit Dlog-M Video: 100-800 (Auto), 100-1600 (Manual) Photo: 100-3200 (Auto), 100-12800 (Manual)
Photo resolution	20 MP, 5472 × 3648 (3:2), 5472 × 3078 (16:9)
Photo modes	Single shot: 20 MP Burst shooting: 20 MP (continuous burst shooting) Auto Exposure Bracketing (AEB): 20 MP, 3/5 frames at 0.7 EV Interval: 20 MP, 2/3/5/7/10/15/20/30/60s SmartPhoto (incl. HDR and HyperLight): 20 MP HDR-Panorama[2]: Vertical (3×1): 3328 × 8000 (Width×Height) Wide (3×3): 8000 × 6144 (Width×Height) 180° (3×7): 8192 × 3500 (Width×Height) Sphere (3×8+1): 8192 × 4096 (Width×Height) JPEG/DNG (RAW)
Video resolution	5.4K: 5472×3078 at 24/25/30 fps 4K UHD: 3840×2160 at 24/25/30/48/50/60 fps 2.7K: 2688×1512 at 24/25/30/48/50/60 fps Full HD: 1920×1080 at 24/25/30/48/50/60/120 fps MP4/MOV (H.264/MPEG-4 AVC, H.265/HEVC)
Max. Video Bitrate	150 MBit/s
Supported file systems	FAT32/exFAT - Supports microSD cards up to 256 GB capacity.
Digital Zoom	Zoom shooting is not available for 10-bit videos and 120 fps videos. 4K/30fps: 4x 2.7K/60fps: 4x 2.7K/30fps: 6x 1080p/60fps: 6x 1080p/30fps: 8x
Stabilization	Three axes (Tilt, Roll, Pan)
Video transmission system	DJI O3
Bluetooth protocol	Bluetooth 4.2
Wi-Fi protocol	802.11 a/b/g/n

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360° AUDIO RECORDER

ZOOM H3-VR

Multi-Channel Mobile Recorder. Allows the easy creation of spatial audio recordings; Record and process of 360° audio material for VR, AR and mixed reality.

DAILY RATE

€ 25,-



SCOPE OF DELIVERY

1x	Zoom H3-VR	1x	Wind protection
1x	Micro SD 256GB memory cards Sandisk Extreme Pro	1x	Zoom H3-VR Softcase

SPECIFICATIONS

Analogue outputs	2
Microphone inputs	0
Headphone outputs	1
Number of tracks	6
Storage capacity	512 GB
Recording up to	24 Bit/96 kHz
Battery operation possible	Yes
USB	Yes
Display	Yes
Built-in microphone	Yes
Three recording modes	Ambisonics, Stereo Binaural, or Standard Stereo
Highlights	<ul style="list-style-type: none"> › Level function for precise angle alignment › Automatic detection of microphone positioning via 6-axis gyroscope (upright, upside down, lying forward, lying backward) › Extensive metadata › Integrated decoding from Ambisonics A to Ambisonics B › Gain control of all input channels via a single knob › Four integrated microphones in Ambisonics arrangement › Surround audio recording with full sphere

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MICROPHONE

ZYLIA ZM-1 3RD ORDER AMBISONICS MICROPHONE

A 19-capsule Ambisonics microphone array with high-end 24-bit recording resolution.

DAILY RATE

€ 180,-



HIGHLIGHTS

High-quality 360° audio recording - 3rd order Ambisonics
LED ring status indicator informing about recording status
USB connectivity makes the process of recording easy
19 omnidirectional digital MEMS microphones distributed on a sphere
48 kHz / 24-bit recording
69 dB(A) signal-to-noise ratio
Below 1 percent distortions at 128 dB SPL (AOP - 130 dB SPL)
Digital (PDM) interface with 6 μ s group delay at 1 kHz
28 Hz low-frequency roll-off
Tight sensitivity (-36 \pm 1 dB) and phase (\pm 2 deg) tolerances

SCOPE OF DELIVERY

1x	ZM-1 microphone array	2x	USB cable (3 & 20 meter)
1x	Tripod stand	1x	Softcase for ZM-1
1x	5/8" to 3/8" adapter		

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MICROPHONE

AKG C414

Vintage Classic C12 Brass Large Diaphragm Capsule
Multi Pattern Condenser Microphone.



DAILY RATE

€ 130,-

SCOPE OF DELIVERY

2x	AKG C414	2x	Wind protection
2x	Microphone holder incl. Spider	1x	Aluminum case

SPECIFICATIONS

Omnidirectional	6 mV/Pa; 30 - 20,000 Hz
Cardioid	6 mV/Pa; 30 - 20,000 Hz
Hypercardioid	6 mV/Pa; 30 - 20,000 Hz
Bidirectional	6 mV/Pa; 30 - 20,000 Hz
Pad	-10dB
Pad:	-20dB
Filter: HPF	-12 dB/octave @ 75 Hz
Filter: HPF	-12 dB/octave @ 150 Hz
Max SPL	155 dB
Self-noise	17.0 dB(A)
Requires	phantom power
Phantom voltage	9-52v

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MICROPHONE

AKG C422

A studio condenser microphone that has been specially designed for sound studio and radio broadcasting.

DAILY RATE

€ 110,-



SCOPE OF DELIVERY

1x	AKG C422 stereo condenser microphone	1x	Shock mount
1x	Original AKG Cable	1x	Aluminum case
1x	S42 pattern switch control box		

SPECIFICATIONS

Microphone	Lare diaphragm condenser
Polar pattern	Multipattern
Phantom required	Yes
Tube or Solid State	Solid State

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MICROPHONE

TELEFUNKEN U47

With an authoritative mid-range and extended low-end response, the U47 excels at everything from vocals and electric guitar, to orchestral and chamber recordings.

PROFESSIONAL HANDLING REQUIRED	DAILY RATE	
	Equipment	Staff
Sound engineer	€ 360,-	€ 650,-



SCOPE OF DELIVERY

1x	Telefunken U-47	1x	Tube Mic Cable
1x	Power Supply	1x	Wooden Box
1x	Shock Mount	1x	Flight Case

SPECIFICATIONS

Type	Vacuum Tube Condenser
Polar Pattern	Cardioid, Omnidirectional
Frequency Range	20 Hz – 20 kHz, ±3 dB
Power Source	External Power Supply
Capsule	TELEFUNKEN Elektroakustik M7 – Center Terminated Large Diaphragm
Tube	TELEFUNKEN Elektroakustik VF14K
Transformer	TELEFUNKEN Elektroakustik BV8
Sensitivity	24.5 mV/Pa, ±1 dB
THD at 1 kHz at 1 Pa (Amplifier)	< 0.3%
Output Impedance	200 Ω
Maximum SPL (for 1% THD)	127 dB
S/N Ratio	85 dBA
Self Noise (Amplifier)	9 dBA
Dimensions	240 mm L x 60 mm Dia
Weight	620 g



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