VOSKER ENTERPRISE

PRO SERIES

PRO HDR



General

The PRO HDR is a solar-powered cellular camera featuring HDR image quality and multiple capture modes including Full HD live video streaming, on-demand Photo/Video, motion-triggered Photo/Video and time-lapse. Dual-SIM 4G LTE cellular connectivity links the camera to the CORE platform for remote access and management.

Model numbers	**77001 (International)** **77002 (Canada)** **77003 (USA)**
Operating Temperature	**-30°C to +50°C** **-22°F to +122°F**
IP Rating & Certifications	**IP66, IP68: Water and Dust** **IK10: Impact** **5VA: Flame-retardant** **3G: Vibration qualification**
Weight	**Camera: 0.508 kg** **Camera with Battery: 0.773 kg** **Solar Power Bank: 1.372 kg**
Dimensions (H x W x D)	**Camera: 85 x 127 x 150 mm** **Solar Power Bank: 49 x 271 x 271 mm** **Mounting Arm: 103 x 88 x 176 mm**
Colour	**Black with Gray Seal**

Camera dimensions not counting antenna.
* Subject to installation conditions and number of detections

Photo

Image Sensor	**2 MP HDR STARVIS 2**
Photo Resolution	**2 MP HDR (High Dynamic Range)**
Full Resolution (Local)	**1920 x 1080**
Preview Resolution (App)	**600 x 338**
Multi-Shot Mode	**1-3**
Field of View	**90°**
Date, Time & Temp. (°C/°F) Stamp	**Yes (Photo & Video)**

Video

Video Resolution	**Full HD 1080p, 30 fps HDR (High Dynamic Range)**
Video Clips	**15 s**
Video Encoding	**H.265, MP4**
Audio Recording	**Yes (Optional Deactivation)**

Streaming

Live Streaming Mode	**Yes**
Streaming Resolution	**Full HD 1080p, 30 fps HDR**
Streaming Encoding	**H.264, MP4**
Streaming Audio	**On (Default) / Off**

Features

GPS Tracker	**Yes**
Schedule & Snooze Functions	**Yes**
Temperature Sensor	**Yes**

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Time-Lapse

Time-Lapse Mode	**Yes**
Image Quality	**HD**
Interval	**Customizable, up to 2 pictures per hour (30 min)**
Sharing	**One-click export and sharing**
Replay Speed	**x0.25, x1, x3**
Download	**MP4 video**

Add-on available for more granular intervals

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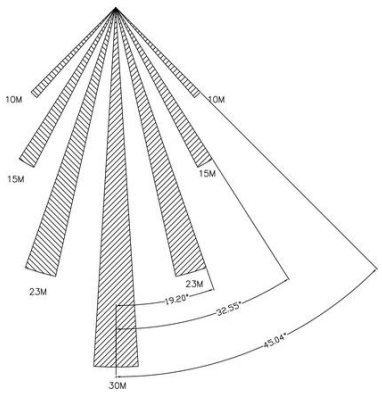
Motion Detection

Maximum Detection Range	100 ft / 30 m
Detection Angles	7.5° @ 100 ft / 30 m 90° @ 33 ft / 10 m
Photo Trigger Speed	0.5 s
Video Trigger Speed	0.5 s
Delay Between Detections	Preset (Instant to 30 min)
Night Vision Range	100 ft / 30 m
Infrared Illumination	Low Glow (850 nm)
Deterrent LED	Yes (Blue Light)

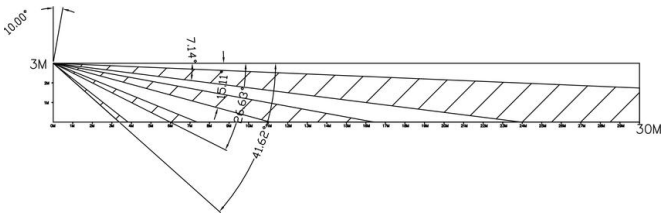
Detection area

Unit: meters. Side view at 3 m mounting height.

TOP VIEW



SIDE VIEW



Memory

Local Storage Included	32 GB microSD, Installed
Storage in Photo & Hours of Video	75,000 Photos or 54 Hours (15 s Clips)

Hardware

Port	USB-C
Solar Panel	External (Solar Power Bank)
Antenna Gasket	Yes
Housing	Black with Gray Seal

Connectivity

Cellular Network	4G LTE Cat 1 (US, Canada, EU)
SIM Card	Preactivated VOSKER SIM, Installed (Non-Removable)
Modem	EG91NAXD (North America) EG91EX (Europe)
Upload Speed	5 Mbps
LTE Bands (North America)	LTE-FDD: B2/4/5/12/13/25/26 WCDMA: B2/4/5
LTE Bands (Europe)	LTE-FDD: B1/3/7/8/20/28 WCDMA: B1/8 · GSM: B3/8
Bluetooth	No

Power

Rechargeable Lithium Battery	V-LIT-B3, 14,000 mAh (Included)
External Solar Power Bank	15,000 mAh (55 Wh)
Compatible Batteries	V-LIT-B3
External Power	USB-C

Mounting & Warranty

Mounting System	Adjustable Stainless Steel Mounting Arms with Flat and Pole Mounting Kit
Camera Mounts	2X Standard 1/4”-20 Tripod Mount 2X M8-1.25 for Pro Mount
Solar Power Bank Mount	1X Standard 1/4”-20 Tripod Mount
Warranty	2-year

PRO HDR





Kit Contents

- PRO HDR Camera
- Solar POWER BANK PRO (15 Ah / 55 Wh)
- V-LIT-B3 Lithium Battery (14 Ah)
- 2X Adjustable 360° Swivel & Tilt Mounting Arms
- Flat & Pole Mounting Kit: 8X 55 mm Wood Screws, 4X Pole Mount Clamps, TT45 L-Key
- USB-C to USB-C Cable, 1 m (Battery Charging)
- USB-C to USB-C Cable, 3 m (Power Bank)
- 32 GB microSD Card (Installed)
- VOSKER SIM Card (Installed)
- 2X Cable Tensioners