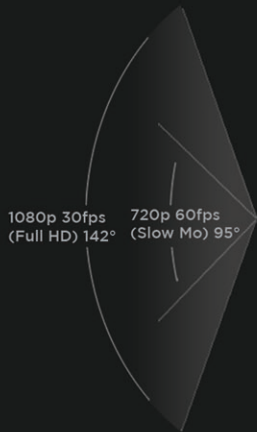


POV.HD

ADVANCED POINT-OF-VIEW 1080p HD

The POV.HD from V.I.O. is the most flexible, rugged, and easy to use point-of-view HD video system available.

ADVANCED HD



High Quality Optics
6-Element Glass Lens



Native 1080p CMOS Sensor

- Optimized sensitivity for 1080p
- Vibrant color
- Enhanced resolution

WIDEST FOV



Advanced Software Processing
Texas Instruments Da Vinci

- Real-time video enhancement:
 - Lens distortion correction
 - Vignetting correction
 - Lens softness correction



IN-FIELD FLEXIBILITY

- In-field Editing
 - Tag scenes while recording from either the recorder or the wireless remote control
 - Compile tagged scenes into highlight clips automatically and in-the-field
- In-field Exposure Control
 - Video Brightness - Improve color saturation and contrast in especially bright or grey shooting conditions
 - Exposure Metering - Set the automatic exposure control sampling area
- Four recording modes
 - Clip Mode - Start and stop recording action from your POV
 - Loop Mode - Capture footage from the past
 - Loop & Forward Mode - Capture footage from the past + continue recording into the future
 - Still Image Mode

RUGGED -EASE OF USE

- Shock proof
- Water proof (1m/30min)
- Dust proof
- Environmental Rating: IP67
- Modular mounting
- Powered by 4 AA batteries
- Wireless Remote

MODULAR MOUNTING



IN THE BOX

- POV.HD Recorder with LCD
- Wide Angle Camera Head
- LVDS Cable
- Wireless Remote Control
- Carrying Case
- Mounting Systems
- 4GB SDHC Card
- USB Cable
- Analog A/V Cable
- Quick Start Guide
- 4 AA Batteries

POV.HD

DETAILED SPECS

VIDEO > 1080p HD Video

Resolution/Frame Rates:	1080p/30fps, 720p/60fps, 480p/30fps, 1080p/24fps
Video Codec:	H.264
Video Container:	MPEG-4
Exposure control:	Automatic Exposure Control and White Balance

IMAGING > Advanced Native 1080p CMOS Sensor**HARDWARE**

Sensor:	1/2.7" HD CMOS sensor, 3.0 μ meter pixel size
Dynamic Range:	69 dB
Sensitivity:	3300 mV/(lux-sec)
Operating Temp:	-20°C to +60°C (-4°F to +140°F)
Processor:	32 Bit ARM Microprocessor, 10 Bit Image

OPTICS > Widest 1080p FOV On The Market

Aperture:	f/2.0, Relative Illumination @ Full Field 90%
Focus Distance:	2m - Infinity
Field Of View:	142° (1080p), 95° (720p), 120°(480p)

AUDIO > Built In Mic

Audio Codec:	AAC
Mic Type:	Monaural Omni-directional Cable-mounted, -40dB sensitivity at 1kHz
Resolution:	16 Bit Half Duplex
Sampling Rate:	16kHz
SNR:	80dB
Speaker:	Monaural 8 ohm Mylar, 0.7W Max

DATA > 32GB SDHC**HANDLING**

Max Storage Media:	32GB SDHC
File Functions:	Record, Playback, Delete
I/O Ports:	SD Card Slot, USB 2.0 High Speed (Mini-B), Mic-In, NTSC/PAL Analog TV /Audio Out (Live Stream Capable)
Record Time:	4.33hrs (1080p 30fps/720p 60fps) 15Mbit/S, 16hrs(480p/30fps) 4Mbit/S

USER > Ease Of Use**INTERFACE**

Image Display:	2 Inch LCD Screen, Resolution 640x320
Navigation Controls:	All On Recording Unit, Including Quick Mode Select Keys For Recording, Playback, & Set-Up Modes.
Auxiliary Controls:	RF Remote Control With Record, Tag, & Stop Controls
Functionality:	Record, Tagging, File Navigation Including Select, Playback, & Delete. Recording Configurable for either Standard Clip, Loop, or Loop and Forward. User-configurable Camera Settings Via Settings Menu Screens.

SIZE & MASS > Lightweight + Compact

Recording Unit:	40mm x 60mm x 167mm, 328 grams (With 4 AA Batteries)
Camera Head:	58 grams
Remote Control:	24 grams (With A27 Battery)
Digital A-V Cable:	Approximately 1.5 meter Length, 128 grams
Battery/Runtime:	4 AA Alkaline/2.5hrs (1080p 30fps/720p 60fps), 4 AA Lithium Ion/5hrs (1080p 30fps/720p 60fps) 4 AA Alkaline/8hrs (480p/30fps), 4 AA Lithium Ion/12hrs (480p/30fps)