

Key features:

- Evidential video & audio recorder for police surveillance operations.
- 4 x SD or 1 x HD video inputs.
- Records to Blu-ray / DVD optical disc or optional removable SATA SSD.
- SHA256 hash coding of recordings.
- · Ethernet and WiFi interfaces.
- RTSP streaming to video management systems such as Milestone, Genetech, Crossfire etc.
- Easy upgrade from AfterBurner 1&2: same footprint and similar operation to the original AfterBurners.



4 Channel Evidential DVD Recorder.

AfterBurner-4 builds on the highly successful award-winning AfterBurner 1&2 range of evidential video surveillance recorders. Retaining the same footprint for ease of replacement, new features include 4 independent standard definition inputs along with one full-HD input (up to 1080p/30). The front panel user interface is based on the previous models, so little extra training is required for user operation.

Efficient evidence gathering:

AfterBurner-4 utilises efficient H.264 video compression providing high quality images coupled with long record times. The record times can be extended further by using time-lapse modes, or by selective recording using internal video motion detection, timers etc. Evidence is burnt to write-once DVD or Blu-ray discs or optionally to a removable SSD drive for rapid retrieval. All files may be SHA256 hash coded by AfterBurner-4 to provide an evidential audit trail.

Highly connected:

Networking has been enhanced to allow for remote control and live monitoring via its Ethernet and WiFi interfaces. The unit has an easy to use web-page interface for control and setup, along with the ability to live stream in RTSP format to video management systems such as Genetech and Milestone. Ovation Systems also provide free server software to make the connection to remote devices from unknown IP address quick, secure and easy.









General:

Operating temperature range: 0 to +40 °C (with removable solid state

disk -20 to +65 C).

155 x 90 x 260 mm (as previous Mechanical size:

AfterBurner).

Finish. Black painted aluminium.

Weight: 2.2 kg approx.

Standard accessories: Mains PSU, user guide, power lead.

Operating voltage range: 10 to 14 V DC.

Typical power consumption: Sleep 3mA, recording 650mA, burning

2A. Short-term power segues up to 4A.

DVD / Blu-ray optical drive or Drives supported:

or 1 x removable SATA SSD 2.5" drive.

Max DVD burn rate: >x6 (typically 15 minutes, or less).

Internal hard disk drive: 500 GB.

Power-up record time: ~ 30 seconds.

External camera power: 5V, 9V or 12V (700mA total max).

Record control by: ➤ Local start / stop button.

2 external control inputs activated

by contact to ground.

➤ 4 internal timers.

> Zoned video motion detection.

Mechanical shake detection (internal accelerometer).

Record pre-trigger: Fixed at 2 seconds.

Video:

Video inputs: 4 x PAL / NTSC, 1 x HDSDI.

Video I/O connectors: 4 x BNC inputs, 1 x SD BNC output.

2 x BNC (HDSDI in /out).

2 x Ovation i-Conex, 1 x i-Conex-HD.

Video compression: H.264 recorded as .FLV files. PAL:720 pixels by 576 lines. Digital sampling resolution:

NTSC: 720 pixels by 480 lines.

HD: 720 (1280 x 720) @ p/25/30/50/60,

1080 (1920 x 1080) @ p/25/30.

Video quality adjustment: 5 levels.

Video time-lapse: Full rate to 1 frame per second.

A/V Video out: SD (PAL or NTSC) monitor of video input

with onscreen display. HD inputs are down-sampled to SD. Monitor of audio inputs after mic gain, ACG etc.

Audio:

Number of channels: 2.

Audio I/O connectors: 2 x RCA Phono, 1 x i-Conex.

Compression: AAC.

Input level: Mic or line level with AGC. Compression: AAC 16 bit, 16 kHz sampling.

Data Interfaces:

Security features:

Ethernet interface: Static and DHCP addressing.

Web page control and configuration. HTTP and HTTPS connections.

Streaming: H.264 RTSP streaming of video with

configurable, resolution, frame and bit rates. AAC or G.703 audio

streaming.

WiFi: External USB b/g/n internal WiFi

interface. Access point and client modes supported (future upgrade).

GPS: decodes NMEA data. Log of RS232 port modes:

data to disk & shows coordinates on

screen.

PTZ control (RS2323/422) with Visca and Pelco-D protocols.

For firmware upgrades.

2 x SD card slot: USB-1: WiFi / firmware upgrades

USB-2: Future use.

USB 3: Internal hard disk reader interface

(NB: internal disk is formatted ext4)

> SHA256 hash coding of files. ➤ Internal IPSec VPN (future

upgrade).

Please note: Ovation Systems reserves the right to change specifications without notice. E&OE

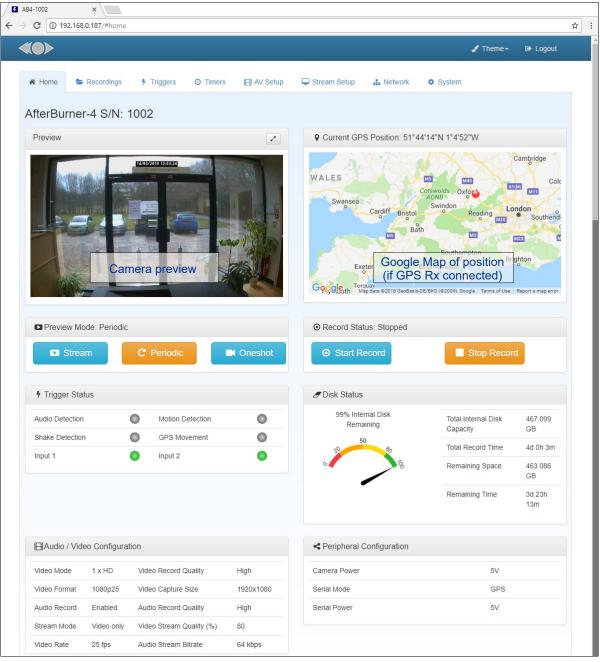


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Web-page Interface:

Top-level configuration can be achieved via the front panel LCD interface. For more advanced functions, such as for motion detection, timers etc., a new web-page interface provides for quick and easy setup. There are two password protected login levels, "admin" and "user." Users can be limited to only see certain elements of the home screen together with specific setup tabs.



AfterBurner-4 Admin Home Page

