

AfterBurner-2

Video evidence - **nailed.**

Evidentially Secure Digital Recorder



Technical Specification

General:

Operating temperature range:	0 to +40 °C (with removable solid state disk -20 to +65 °C)
Mechanical size:	155 x 90 x 260mm (as AB-1)
Finish:	Black painted aluminium
Weight:	2.2 kg approx
Standard accessories:	Mains PSU, user guide, power lead
Operating voltage range:	10 to 20V DC
Typical power consumption:	Standby: <5mA at 12V DC Recording: <9W (~0.7 A @ 12V) Recording & burning: <24W (~2 A @ 12V)
DVDs supported:	DVD -R, +R, -RW, +RW and +R dual layer
Max DVD burn rate:	>x6 (typically 15 minutes, or less)
Hard disk drive:	250 GB (>52 DVDs of data) Removable drive version available
Internal record timers:	4
Alarms:	User definable change of record rate on alarm or motion detection
Onscreen display:	Preset & user definable format of date, time, status etc.

Video:

Video standards supported:	PAL / NTSC (auto switching)
Video I/O connectors:	4 x BNC inputs, 1 x BNC output
Video compression:	MPEG-2 with time-lapse capability
Video input / output level:	1 Vpp into 75Ω
Digital sampling resolution:	PAL: 720 pixels by 576 lines NTSC: 720 pixels by 480 lines
Video quality adjustment:	5 levels
Real-time record duration:	1 to 4 hours per DVD
Time-lapse recording modes:	4, 8, 12, 18, 24, 36, 48 hours, 7 days (eg 24 hours rec rate, ~2 pics /sec)

Audio:

(only recorded with real-time video)	
Number of channels:	2
Audio I/O connectors:	RCA Phono
Compression:	MPEG-1 level 2
Input / output level:	Line: ~200mV peak to peak

Data interfaces:

Ethernet interface:	RJ45 socket with programmable IP address (DHCP optional) HTML Web page configuration (password protected) Download recorded files via PC application
USB-2 interfaces:	1) USB serial for unit configuration 2) USB slave showing internal disk as mass storage device 3) USB master writing data to external USB hard drive or burner (eg MultiBurner) - via future upgrade
Serial:	RS32 interface for control and configuration



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Evidentially Secure Digital Recorder

An Arresting Development

The new AfterBurner-2 has all the capabilities of the original, Queen's Award winning, AfterBurner time-lapse DVD recorder with some arresting new features. You will now be able to capture four images with the ability to monitor and remotely control the recording.

AfterBurner-2 has an internal, or optionally removable, hard drive that can be up to 1 TB capacity, providing potentially months of video and audio recording.

Four Times the Evidence

All angles are now covered with an internal four camera programmable video quad with zoned motion detection on all inputs.

The four USB-2 interfaces allow you to view and download files from the disk before burning, control and configure the unit, and provide an interface to external USB hard disks.

Remote Control and Monitoring

Ethernet and USB-2 ports enhance connectivity with a simple web page interface for easy remote control and configuration.

You can view snapshots of the video input to ensure the cameras are functioning at the remote site. It's even possible to remotely monitor camera inputs and download events and files of interest whilst recording.



New Features

- 4 camera video quad for greater coverage
- Zoned motion detection on all 4 inputs
- USB-2 interface for local viewing and file download
- Internal or removable hard drive, up to 1 TB for months of recording
- Ethernet port for remote control, monitoring and file download
- Meets digital imaging guidelines set by the UK Home Office

DVD-explorer

All AfterBurner users can download the free of charge DVD-Explorer, a PC software application for the simple review and navigation of AfterBurner recordings. DVD-Explorer allows for easy export of pictures and clips of interest, saving valuable time when reviewing evidence gathered.

AfterBurner 2 provides you with the flexibility and reliability to record evidentially secure data. With AfterBurner-2 you can be confident of video evidence – nailed!



Alarm & control inputs (as AfterBurner-1 with the addition of DC output for powering cameras)

4 camera video quad for greater coverage
Zoned motion detection on all 4 inputs

USB-2 interfaces for control and configuration, local file viewing and download

USB-2 for external hard disks and MultiBurner (future upgrade)

DC input 10 to 20 V

Ethernet port for remote control, monitoring and file download

