



VISTA ECLIPSE™ DVR

360 DEGREE PLAYBACK



eclipse

GET RETROSPECTIVE WITH VISTA ECLIPSE™ DVR

See all, record all and review all with the our Vista eclipse™ DVR. Representing a major revolution in technology for the CCTV industry, you can now experience all the live features of the eclipse™ 360° camera in playback including full retrospective virtual PTZ control, interrogation of recorded images and powerful search functionality.

The Vista eclipse™ DVR records the entire 360° 3 megapixel sensor image so, when played back via a Vista eclipse-R™, the recording contains all the information from the original scene. The simplistic and intuitive operation makes it possible to ePTZ as if viewing images live, all while the Vista eclipse™ continues recording.

By using retrospective ePTZ the whole recording can be examined in detail ensuring that critical information is not overlooked. A particular event can be reviewed on a virtual camera and then the evidence can be selected for recording on any conventional device connected to the analogue outputs.

APPLICATIONS:

- Airports
- Hospitals
- Correctional facilities
- Interview rooms
- Financial institutions
- Leisure facilities
- Office complexes
- Retail environments
- Schools and Colleges

MAIN FEATURES:

- Full ePTZ of recorded images, interrogate images on playback
- Retrospective motion detection and motion tracking - after the fact
- Different views on 2 separate monitors
- Scene analysis on playback
- Event & VMD enabled recording
- Easy to operate playback and search via on screen time line
- 400GB approx 7 days storage
- Average 200K per frame, 15:1 compression ratio
- Watermark / Anti-tamper
- Recording while playback
- Programmable compression rate
- Recording rate can vary with events 1, 2 & 4 fps

THE UK'S PREMIER CCTV BRAND

TECHNICAL SPECIFICATIONS

	Vista eclipse™ DVR
FEATURES	
RETROSPECTIVE PAN AND TILT	Yes - see behind the camera after the fact
RETROSPECTIVE OPTICAL EQUIVALENT ZOOM	Yes - approx. 4x zoom after the fact
RETROSPECTIVE VMD	Yes - carry out motion detection and tracking after the fact
RETROSPECTIVE SCENE ANALYSIS	Yes - object removal and scene change
PLAYBACK	Yes - play forwards, backwards, up to 32x
SINGLE FRAME STEPPING	Yes - forwards and backwards
GRAPHICAL TIMELINE DISPLAY	Yes
TIME AND DATE SEARCHING	Yes
EVENT SEARCHING	Yes
EVENT LOCKING	Yes - protect from erasure user definable sections and/or events
MOTION DETECTION / TRACKING	Yes (accessed via camera)
PASSWORD PROTECTION	Yes
RECORDING	
RESOLUTION	3 Megapixel
STORAGE CAPACITY	400GB continuous rated Hard Disc Drive Event-based: up to several months Continuous: up to several weeks Dependent on lighting conditions, frame rate and quality (user selectable) Example: ~5 days from continuous recording (24/7), 4 fps, highest quality, with 300 Lux lighting conditions
CONTINUOUS RECORDING	Yes
EVENT BASED RECORDING	Yes
SCHEDULED RECORDING	Yes
SIMULTANEOUS RECORDING AND PLAYBACK	Yes
AUTO RECORD ON POWER UP	Yes
RECORDING SPEEDS	1, 2 or 4 frames per second
RECORDING FAILURE DETECTION	Yes - on screen and/or via alarm output
RECORDING TAMPER DETECTION	Yes - image watermarking
RECORD PRE- / POST-ALARM	Yes - up to 30 seconds
VIDEO	
VIDEO COMPRESSION	Proprietary, user selectable
VIDEO FORMAT	PAL or NTSC
MONO / COLOUR	Colour and B&W Night Mode (via camera)
I/O	
POWER SOURCE RATING	24V AC/DC +/- 10%, 2 Amps
POWER CONSUMPTION	30W
RS485	Vista PowerDome, Pelco-D; auto sensing (via camera)
ALARM INPUTS	4 N/O or N/C (via camera)
ALARM OUTPUTS	1 N/O or N/C (via camera)
SOFTWARE UPGRADE	Upgrade enabled via LAN (10/100Base T)
TIME/DATE GENERAOR	Yes - including NTP time server; synchronised with camera
MECHANICAL	
WEIGHT	3.5 kg, 7lb 12oz
SIZE	L x H x W: 261 x 147 x 156mm; 10.28" x 5.79" x 6.14"
OPERATING TEMPERATURE RANGE	5 to 50°C, 41 to 122°F with air flow (e.g. external fan)
STORAGE TEMPERATURE RANGE	-10 to 60°C, 14 to 140°F
MOUNTING	Upright; within 3 metres / 9ft 10" of the camera
CAMERA INPUT	RJ45 1x360° camera per recorder
CERTIFICATIONS	CE, EMC / FCC Class A

ORDERING INFORMATION

VED-DVR400	ECLIPSE DVR
VED-11DP-C-R	ECLIPSE 360° CAMERA, DVR READY, FALSE CEILING MOUNT
VED-WSC	WALL/SOLID CEILING BRACKET
VED-NC	NOSE CONE FOR ECLIPSE (FOR USE WHEN WALL OR SOLID CEILING MOUNTING)
VPSU2000/12V	2000MA REGULATED PSU, 12V DC - FOR USE WITH VED-11DP-C-R
VPSU24AC/3000	3000MA PSU, 24V AC - FOR USE WITH VED-DVR400