



VISTA ECLIPSE™

360 DEGREE SURVEILLANCE



eclipse

NO MOVING PARTS, 360 DEGREE SURVEILLANCE

Vista eclipse™ represents a breakthrough in 360° camera technology. Based on the innovative yet proven IMTERA™ processor, Vista eclipse™ captures a high-resolution 'fisheye' image and provides two completely independent analogue outputs, each of which can display any combination from full panoramic view to up to four virtual cameras (VCAMs), each with independently controllable 'electronic' Pan Tilt Zoom (ePTZ) functionality.

Intelligent 360° video processing enables advanced alarm functionality that includes the automatic assignment of virtual cameras for motion detection and alarm activation. Effective subject tracking is provided with the active "VCAM" automatically tracking any movement within the camera's field of view.

Vista eclipse™ motion detection algorithms use state-of-the-art background analysis techniques to minimise false alarms. Motion detection automatically triggers a VCAM while the camera continues to monitor the full panorama.

When combined with the eclipse DVR, retrospective ePTZ of the full 360° scene and powerful search options become available, allowing fast review and interrogation of recorded images.

Delivering a quality of panoramic image never achieved before, Vista eclipse™ is the perfect solution wherever continuous panoramic vision can assist in optimising surveillance effectiveness. All this is provided without the need for external PC's, making the eclipse a true stand-alone 360° camera.

APPLICATIONS:

- Cash rooms
- Airports
- Railway stations
- Shopping centres
- Jewellery stores
- Interview rooms

VIRTUAL WEB SITE TOURS:

- Restaurants
- National Heritage
- Real estate

MAIN FEATURES:

- 360 degree surveillance
- DVR Ready
- No moving parts
- Advanced motion detection and alarm functionality
- Subject tracking
- 2 completely independent composite video outputs
- Each video output able to display various multi-screen configurations
- Full PTZ control of up to 4 VCAMs
- 128 presets
- 4 x 3 minute learn tours
- Privacy zones
- All presets & privacy zones 100% accurate
- On-board Imtera™ processor



THE UK'S PREMIER CCTV BRAND

TECHNICAL SPECIFICATIONS

	Vista eclipse™
GENERAL	
PAN SPEED	Instantaneous
TILT SPEED	Instantaneous
MANUAL PAN SPEED	270 degrees / sec
MANUAL TILT SPEED	270 degrees / sec
PAN ANGLE	Full 360 deg electronic pan, no delay and no moving parts
TILT ANGLE	Full 170 deg electronic tilt, no delay and no moving parts
PROPORTIONAL P/T TO ZOOM	Yes
AUTO FLIP	Yes
PRIVACY ZONES	75 zones - accurate to 0.00 degree (accurate to the pixel) , zero lag
PRIVACY ZONE	Blank
STILL SHOT	Yes, on preset tour or operator request
PRESETS	128
PRESET TOURS	4 x 64 presets
PRESET ACCURACY	Accurate to 0.00 degree (accurate to the pixel) , zero lag
PATTERNS (LEARNING TOURS)	4 x 3 minutes
PRESET TITLES	128 x 20 characters
TIME & DATE GENERATOR	Yes
PASSWORD PROTECTION	Yes, 4 x numeric code
HOME POSITION	Yes, Selectable per VCAM, tour, learn tour, preset
ADDRESSING	Via menu for each composite o/p
VOLTAGE	11 - 16V DC
ALARMS	
ALARM INPUTS	4 input at head N/O - N/C
ALARM OUTPUTS	1 output at head
MOTION DETECTION	75 areas / regions of interest, each with selectable sensitivity
MOTION TRACKING	On / Off, auto zoom on motion to 25, 50, 75 or 100% screen size
CAMERA	
SENSOR	3M Pixel CMOS (2048x1536)
FORMAT	1/2" 4:3
OPTICAL ZOOM	X3 - Sensor zoom equivalent to optical
DIGITAL ZOOM	X5
FOCAL LENGTH	1.8mm @ f1.8, C mount
RESOLUTION	> 600TVL
FRAME INTEGRATION	Yes
BLC	Yes
AGC	Yes
VIDEO	
OUTPUT	2 x composite o/p 1V p-p 750hm, each o/p fully independent containing multi-screen and 4 x Vcam
DISPLAY FORMAT	2 x 180 deg panorama, 1 x 360 deg + 2 quad vcam sectors, 1 x full quad vcam display, 2 x full screen vcam displays, 1 x 360 deg fisheye + thumb nail options, all per output
OVER / UNDER SCAN	User selectable via OSD, 11 steps
GAMMA	User selectable via OSD, 21 steps
CONTROL	
RS485	Vista PowerDome™, Pelco D type, auto select
METAL WORK	
DROP CEILING OPTION	Yes - Includes bracket and trim ring
OTHER	
UP / DOWN LOAD	Yes - Field flash available

ORDERING INFORMATION

VED-11DP-C-R	ECLIPSE 360° CAMERA, DVR READY, FALSE CEILING MOUNT
VED-DVR400	ECLIPSE DVR
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

