



VISTA SYSTEM TRIPLEX™

PART OF THE COLUMBUS RANGE OF
DVR'S

IDEAL FOR APPLICATIONS SUCH AS:

- Local and National Government establishments
- Correctional facilities
- Retail outlets
- Business premises
- Financial institutions
- Petrol forecourts

MAIN FEATURES:

- Full Triplex™ operation
- Selectable record rate per camera
- Selectable record quality per camera
- 50 images per second recording
- Single channel audio recording
- Dual multiscreen monitor output
- Direct access to motion search on playback
- 16 video inputs with loop through
- Parallel video processing for improved picture quality
- Review from front panel or via WaveReader and network connection
- Upload and down load programme settings
- Selectable pre and post alarm recording
- 5 independent search criteria's
 - a. Alarm
 - b. Event
 - c. Time/date
 - d. Motion
 - e. Text input
- Password protected
- EPOS & text input - Utilising the Vista TEAM unit the Columbus can interface to many POS systems allowing it to capture, record and search receipt text.



OVER 3 MONTHS RECORDING IN ONE STAND-ALONE BOX

With the option of an incredible 1,000 gigabyte internal storage capacity, the Vista System Columbus is truly one of the most advanced and potent hard disk recorders available today. With the ability to offer pure Triplex™ operation, these units also provide the end user with an advanced individual setting on all major parameters on a per camera basis. Additionally, two fully selectable independent, multi-screen outputs have been designed into the unit.

A powerful motion search tool allows users to search for motion on recorded images. By simply defining an area within the image Motion Search will search the whole hard disk for motion in this area. This makes it easy to find incidents without knowing when they occurred.

However, despite the powerful nature of the VC16STe, they are actually an extremely quick and easy unit to install for today's professional security installer. In fact, during installation, the technical parameters chosen can be easily backed up to a laptop or PC for simple reloading should they be accidentally changed. Following on from this theme, advances in the unit's software can be downloaded from the Vista Research and Development team website (www.vista-cctv.com), as and when they become available. All that is needed is standard Internet connection via a standard Internet browser. Such a capability presents a sound investment for the end user, allowing them to reap the advanced benefits of the System Columbus well into the future.



THE UK'S PREMIER CCTV BRAND

TECHNICAL SPECIFICATIONS

	VC16STe-320 / VC16STe-500	VC16STe-1000
CAMERA INPUTS	16	
AUDIO INPUTS	Single channel audio	
CASE STYLE	Desk/Rack mount	
RACK MOUNT OPTION	1U	1.5 U
MONOCHROME/COLOUR	Both	
MODEL	Triplex™ (simultaneous rec whilst viewing live / playback)	
ETHERNET	10BaseT & 100BaseT (WaveReader software supplied on open license)	
VIDEO OUT PUTS	Y/C main & spot, composite main & spot	
RS485 PORTS	Yes x 2	
SCSI-2 PORT	CDRW, VAiDe & Digital Tape (One 50-pin SCSI-2 port, DB 50-S-SCSI)	
BITS PER SAMPLE	Y: U: V, 4:2:2, 8 bit 16.8 million colours	
RESOLUTION	720 pixels Horizontal, 576 active lines	
MULTISCREEN DISPLAYS	Full, PIP, Quad, 6, 7,9,10,13 & 16 way	
TIME DATE	Yes	
VIDEO DATA SEARCH	Vista Motion search, Simple Search (Disk Analysis) & Detailed Search screens available	
ALARM HANDLING		
INPUTS	16 NO or NC	
OUTPUTS	Two form -C relays, each NO and NC; rated 0.5A cont. 1.0A momentary	
LATCHING	Latched, transparent or timed-out (1-250 sec)	
RECORDING	Automatic priority control, interleaved or exclusive, or none; programmable	
DISPLAYS	PVP™ allowing up to 50pps in multi-screen options (Fully Programmable)	
ALARM INTERFACE	25 Way DB connector (alarm interface card inc)	
VMD		
ZONES PER CAMERA	256, 16 x 16 grid	
SENSITIVITY SETTINGS	10 levels	
GRAY LEVELS PER ZONE	256 levels	
FALSE ALARM REJECTION	3 levels	
SIZE DISCRIMINATION	256 levels	
RECORD PRIORITY	2 x, 4 x, interleaved or none	
STATUS OUTPUT	Link to relay	
PROGRAMMABLE FROM WAVEREADER	Yes (Menu settings upload / download facility over Ethernet)	
RECORDING		
USABLE HARD DISK	327GB/500GB	1000GB
RECORD SPEED	PVP™ / Selectable - pictures per second update (max = 50pps)	
COMPRESSION	Wavelet format; standard(VHS)- medium(SVHS) and high resolution (SVHS+)	
TELEMETRY	Coaxial telemetry control of Vista PowerDome™ and Baxall receivers (requires Vista remote keyboard NPX/KBDJ/3De)	
DATA ENCRYPTION	Yes	
COMPRESSION SELECTABLE	High(SVHS+), Medium(SVHS), Standard(VHS) Selectable per camera input	
PRE-ALARM	Programmable between 1-5 seconds	
DEFAULT POWER MODE	Record mode (default)	
POWER	12V DC, 90V-264V AC AC/DC PSU (supplied) 2.1mm DC jack, 60W	
POWER CONSUMPTION	5A max	5.5A max
DIMENSIONS (D X W X H)	343 x 442 x 44mm (19" rack mounts inc)	343 x 442 x 66mm (19" rack mounts inc)
TEMPERATURE	Operating = 0 to +40 degrees C Storage = -20 to +60 degrees C	
HUMIDITY (NON-CONDENSING)	Operating = 10% to 80% Storage = 10% to 95%	
WEIGHT	4KG	6KG
CHASSIS	Other equipment may be placed on the Columbus unit up to a maximum weight of 15kg	

ORDERING INFORMATION

VC16STe-320	TRIPLEX™ COLUMBUS DVR WITH 327GB INTERNAL HDD
VC16STe-500	TRIPLEX™ COLUMBUS DVR WITH 500GB INTERNAL HDD
VC16STe-1000	TRIPLEX™ COLUMBUS DVR WITH 1000GB (1TB) INTERNAL HDD
NPX/KBDJ/3De	REMOTE KEYBOARD WITH 3-AXIS JOYSTICK



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DATASHEET VERSION: DECEMBER 2003 V2

DISTRIBUTED BY:

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE