



VISTA TRIPLEX™ COLUMBUS HARD DISK RECORDERS



POWERFUL HARD DISK RECORDER

The Vista Triplex™ Columbus is a high performance video multiplexer and digital video recorder (DVR) combined, capable of recording from multiple cameras to an internal hard disk whilst simultaneously allowing users to view recorded and live images on the same monitor.

Simple to use and install, the unit provides a simple operator platform, which has been designed in-line with traditional CCTV systems. The product range offers 4, 10 & 16 video input variants, all with automatic set-up functionality, and internal hard disk capacity of up to 500GB. Expansion beyond this is easily achieved with the Vista VAIDe, providing up to 2TB storage capacity utilising 8 x 250GB HDD's. This capacity will increase in line with developments in HDD technology.

All units are network compatible, and supplied with WaveReader management software as standard, providing multi-user remote access including remote control of fully functional cameras. All programming of Columbus units can be done via WaveReader software and saved to file on a PC, removing the need for costly site visits.

With recording at up to 50 pictures per second (PPS), true Triplex™ operation and our advanced motion search of images on playback, the new Triplex™ Columbus provides the most advanced cost-effective digital multiplexer solution available today.

IDEAL FOR APPLICATIONS SUCH AS:

- Retail Premises
- Petrol Stations
- Business Premises
- Industrial Premises
- Museums
- Financial Institutions
- Government Facilities

MAIN FEATURES:

- High speed recording, playback and multiscreen viewing at 50 PPS
- Triplex™ operation, record, playback and view live images simultaneously
- Play back motion search, define search areas and find incidents without knowing when they occurred
- 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
- WaveReader software, a powerful system management tool, full remote access, programming and control application



THE UK'S PREMIER CCTV BRAND

TECHNICAL SPECIFICATIONS

	VC04Te-40	VC04Te-160	VC10Te-160	VC10Te-320	VC16Te-160	VC16Te-320	VC16StE-500
CAMERA INPUTS	4		10		16		
CASE STYLE	Desk/Rack mount						
RACK MOUNT OPTION	1U						
MONOCHROME/COLOUR	Both						
MODEL	Triplex™ (simultaneous rec whilst viewing live/playback)						
ETHERNET	10BaseT or 100BaseT (WaveReader software supplied)						
VIDEO OUTPUTS	Y/C main & spot, composite main & spot						
RS485 PORTS	x2						
SCSI-2 PORT	Archive to CDR-W, VAIDe & digital tape drives (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(h) x 576(v)						
MULTISCREEN DISPLAYS	Full/PIP/Quad	Full/PIP/Quad/6/7/9/10 way			Full/PIP/Quad/6/7/9/10/13/16 way		
TIME & DATE	Yes						
VIDEO DATA SEARCH	Detailed & simple search (disk analysis) screens available						
ALARM HANDLING							
INPUTS	4 N/O or N/C	10 N/O or N/C			16 N/O or N/C		
OUTPUTS	Two forms - C relays, each N/O & N/C; rated 0.5A cont. 1.0A momentary						
LATCHING	latched, transparent or timed-out (1 to 250 sec)						
RECORDING	Automatic priority control, interleaved or exclusive, or exclusive						
DISPLAYS	PVP™ allowing up to 50PPS in multi-screen options (fully programmable)						
ALARM INTERFACE	25 way connector (alarm interface card included)						
VIDEO MOTION DETECTION							
ZONES PER CAMERA	256, 16 x 16 grid						
SENSITIVITY SETTINGS	10 levels						
GREY LEVELS PER ZONE	256 levels						
FALSE ALARM REJECTION	3 levels						
SIZE DISCRIMINATION	256 levels						
STATUS OUTPUT	Link to relay						
PROGRAMMABLE FROM WAREADER	Yes (menu settings upload/download facility over Ethernet)						
RECORDING							
USABLE HARD DISK	40GB	163GB	163GB	327GB	163GB	327GB	500GB
RECORD SPEED	PVP™ / Selectable picture per second update (max = 50PPS)					Selectable/Camera	
RECORD LOCK	Yes						
RECORD SCHEDULE	Yes (allowing macros to be linked)						
COMPRESSION	Wavelet™ format - standard (VHS), medium (S-VHS) and high (SVHS+)					Selectable/Camera	
TELEMETRY	Coaxial telemetry control of Vista PowerDome™ and Baxall receivers (requires Vista remote keyboard NPX/KBDJ/3De)						
DATA ENCRYPTION	Yes						
PRE-ALARM	Programmable between 1 and 5 seconds						
DEFAULT POWER MODE	Record mode (default)						
POWER							
SUPPLY	12V DC, 90-264V AC, AC/DC 5A PSU (supplied), 2.1mm DC jack, 6W						
PHYSICAL							
DIMENSIONS (D X W X H)	343 x 442 x 44mm (19" rack mounts inc)						
OPERATING TEMPERATURE	0° to +40°C						
STORAGE TEMPERATURE	-20° to +60°C						
HUMIDITY	(Non condensing) Operating = 10% to 80%, Storage = 10% to 95%						
WEIGHT	4Kg						



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