



# VISTA VDC1604

## TELEMETRY CONTROL UNIT



### SIMPLE TELEMETRY CONTROL

The VDC1604 from Vista is an extremely cost effective, feature packed matrix offering the user many of the sophisticated features previously found exclusively within larger, far more expensive alternative matrices.

Despite the unit's cost effectiveness you will find that the VDC1604 is solidly packed with potent, yet user friendly functionality. Powerful keyboard access control functions allow individual keyboard access to designated monitors, cameras and camera PTZ controls. You will also find that multi-protocol telemetry comes as standard with the VDC1604.

Additionally, with 8 in-built timed functions, each connected monitor can be set to display a different view or sequence at predetermined times of the day or night. This is extremely useful in satisfying individual site specific requirements.

Regardless of the complexity of features included within the unit, the VDC1604 is exceptionally easy to install. The unit's Auto Set-Up feature searches for the number of cameras connected to the system automatically, identifying the camera type - colour or mono, prior to finalising the installation. This element has been designed-in to save valuable time during system installation, and is just one of the many reasons why the VDC1604 is the preferred choice for many of today's professional security installers.

### IDEAL FOR APPLICATIONS SUCH AS:

- Retail environments
- Commercial premises
- Industrial complexes
- Banking and Financial Institutions
- Educational establishments

### MAIN FEATURES:

- 16 camera inputs with auto terminating loop-through
- 4 monitor outputs
- 4 keyboards giving simultaneous control of the matrix
- 16 alarm inputs (individually configurable for N/O or N/C)
- Dual RS485 multi-protocol telemetry output for control of up to 16 PTZ / dome cameras



## THE UK'S PREMIER CCTV BRAND



## TECHNICAL SPECIFICATIONS

## ORDERING INFORMATION

<b>VDC1604</b>	
CASE STYLE	1U Blackbox Chassis (Desk / Rack Mountable)
CAMERA INPUTS	16
COLOUR OR MONO	Both
INPUT TYPE	Composite 1V pk-pk 75Ω Via BNC
OUTPUT TYPE	Composite 1V pk-pk 75Ω Via BNC
VIDEO LOOP-THROUGH	Auto Terminating
BANDWIDTH	100Mhz +/- 1db
CHANNEL CROSS-TALK	-50db @ 3.58Mhz
SIGNAL TO NOISE RATIO	-55db weighted
KEYBOARD TELEMETRY	RS485 Via RJ45 Connector
DOME TELEMETRY	RS485 (Ultrak Protocol 1st Release) Via Screw
ALARM INPUTS	16 Inputs Via volt-free normally open or normally closed contact: - Programmed via menu system Connection via 25way "D" type socket.
ALARM OUTPUT	Single volt-free relay contact - programmed via menu system
VIDEO STANDARDS	PAL as Standard (NTSC by request)
<b>PROGRAMME FUNCTIONS</b>	
ON SCREEN DISPLAY (OSD)	Password Protected Camera Setup Seq/View Functions Alarm Handling Control Access Time & Date Display Set Up System Settings
PHYSICAL FEATURES	
POWER REQUIRMENTS	12Vdc 12W max PSU Supplied
OPERATING TEMP.	-10 to +50°C 10~80% Humidity
VIDEO INPUTS	16BNC Video Input connectors with 16 BNC Loop-throughs
VIDEO OUTPUTS	4 BNC Video Outputs (Monitors)
KEYBOARD CONNECTION	RJ45 Connector
TELEMETRY CONNECTION	Dual telemetry output via screw terminals
ALARM INPUT/OUTPUT CONNECTION	25way "D" Type solder connections
ALARM OUTPUT RATING	30V @ 500mA (non inductive)
DIMENSIONS	443 x 44.45 x 235mm (WxHxD)
WEIGHT	Approx 3Kg
COLOUR	Black

VDC1604	MATRIX CONTROLLER
NPX/R/KBDJ	JOYSTICK CONTROLLER
NPX/R/KDBDJ/3De	3 AXIS JOYSTICK CONTROLLER

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ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



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