FULL
HD
1080P

HD Video Over Coaxial Cable Technology

5x Greater Image Quality.

16 Channel 1080p HDCVI Digital Video Recorder

Model: CVR16V3

- Records 1080p full HD resolution (1920 x 1080)
- Up to 300m transmission distance (1080p)
- 2x SATA port for up to 8TB of HDD capacity
- Configure remote view in seconds via QR code

- Utilises the HDCVI transmission standard
- HDMI & VGA simultaneous video output
- Backup via external USB device or local network
- Remote view for iOS, Android & Windows Phone

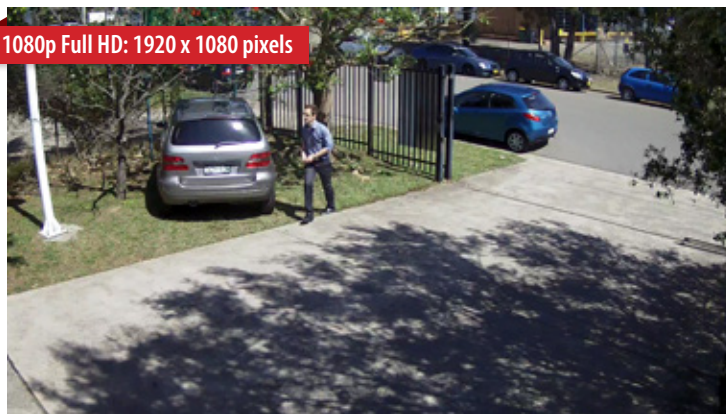## Upgrade from analogue to more than quadruple your image resolution!

Experience your moment of victory:

- Upgrade your system
- Boost image resolution
- Capture fine detail
- Get usable evidence
- Enjoy peace of mind

D1: 720 x 576 pixels

1080p Full HD: 1920 x 1080 pixels

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SECURVIEW
VICTORY SERIES

1080p (1920 x 1080)
RECORD FULL HD

REMOTE VIEW

QR
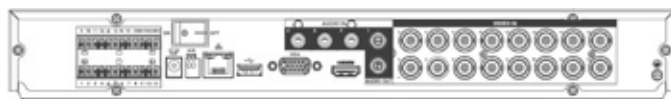**CONFIG VIA QR**

UP TO 8TB HDD

Product Overview

The CVR16V3 is a 16 channel HDCVI (high definition composite video interface) DVR capable of 1080p full HD and 720p HD recording over coaxial cable. It features two internal SATA ports for up to 8TB of HDD storage and has HDMI and VGA video outputs. This DVR also features comprehensive remote view capabilities (iOS, Android & Windows Phone) and backup functionality (USB/network).

Victory Series DVRs are the ideal HD video over coax solution, utilising the HDCVI video transmission standard to deliver video, audio and control data across a single coaxial cable. Thanks to this technology, the CVR16V3 offers reliable, long distance, full HD 1080p video transmission up to 300m with low latency and excellent anti-interference properties (720p up to 500m / using 75-3 coax).

Victory Series systems can also be implemented into an existing analogue systems without having to re-run coaxial cable. The CVR16V3 can even record existing IP (up to 2 channels at full HD 1080p) and analogue cameras (16 channels at D1), making existing low resolution to high definition surveillance upgrades easier than ever before. When recording at 1080p, the CVR16V3 delivers more than five times the image resolution compared to traditional D1 (720 x 576) analogue systems and over 20x vs CIF systems (352 x 288). Go beyond analogue, capture fine detail and ensure you have usable evidence when it matters most.

Model	CVR16V3
System	
Main Processor	Embedded Processor
Operating System	Embedded Linux OS
Video Input	16 channel BNC
Camera Configurations	Coaxial: 16 channels up to 960H/25fps (analogue) 1080p/12fps (HDCVI)
	Network: 2 channels up to 1080p/12fps (substitutes coaxial)
Audio In/Out	4ch RCA/ 1ch RCA
Two-way Talk	Reuse channel 1 audio input/output
Display	
Video Output	1 HDMI / 1 VGA
Display Resolution	1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 768
Display Split	1 / 4 / 8 / 9 / 16
OSD	Camera title, time, video loss, camera lock, MD & recording
Privacy Masking	4 rectangular zones per camera
Recording	
Maximum Resolution	1080p (1920 x 1080) / 720p (1280 x 720)
Frame Rate	Main: 1080p (1~15fps), 720p (1~25/30fps) / Sub: D1 (1~6/7fps)
Video Compression	H.264
Audio Compression	G.711
Bit Rate	96~4096Kb/s
Record Modes	Manual / Schedule (Regular [Continuous], MD) / Stop
Record Interval	1~60 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Detection	
Alarm Input / Output	N/A
Trigger Events	Recording; PTZ; predefined tour; push video notification; email notification; FTP upload; internal buzzer; and screen tip overlay
Video Detection	MD zones: 396 (22 × 18) / Video loss / Camera blank
Playback & Backup	
Playback Sync	1 / 4 / 9 / 16
Search Modes	Time/Date; Motion detection; Exact search (to the second)
Backup Modes	USB Device / Network
Network	
Ethernet	RJ-45 port (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, P2P, IP Filter
Max. User Access	128 users
Remote View	iOS (iPhone, iPad); Android devices, Windows Phone
Storage	
Internal HDD	2 SATA port, up to 8TB
Auxiliary	
USB Interface	2 ports (1 Rear), USB2.0
Auxiliary Inputs	1 x RS485 port (for PTZ)
General	
Power Supply	DC12V/5A
Power Consumption	15W (without HDD)
Operating Environment	-10 ~55℃ / 10~90%RH / 86~106kpa
Dimensions	375mm x 285mm x 55mm (1U)
Weight	2.35kg (without HDD)
Rear Panel	