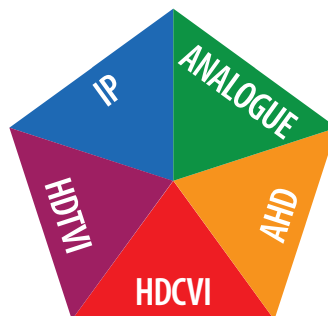# Boost analogue to 720p HD.

Compact Series: 1.0MP HDCVI Synergy DVRs in 8 and 16 channels

The Watchguard™ Compact Series feature extensive compatibility for HD over coax with support for HDCVI, HDTVI, AHD, Analogue and IP video inputs, making it perfect for both new and retrofit CCTV installations.

- Records up to 720p (HDCVI, HDTVI, AHD) / 960H (analogue) / 5.0MP (IP) at up to 15fps
- +2 additional IP channels up to 5.0MP
- 1 x SATA port for up to 10TB of HDD capacity
- Up to 500m HDCVI video transmission distance

- HDMI & VGA simultaneous video output
- Backup via external USB device or local network
- Configure remote view in seconds via QR code
- Remote view for iOS, Android & Windows Phone
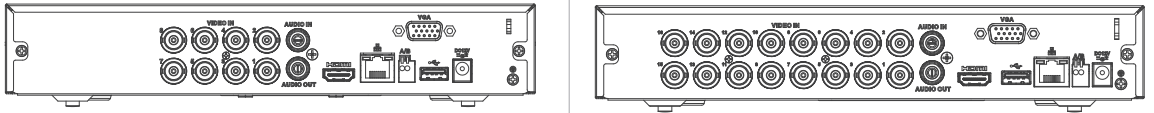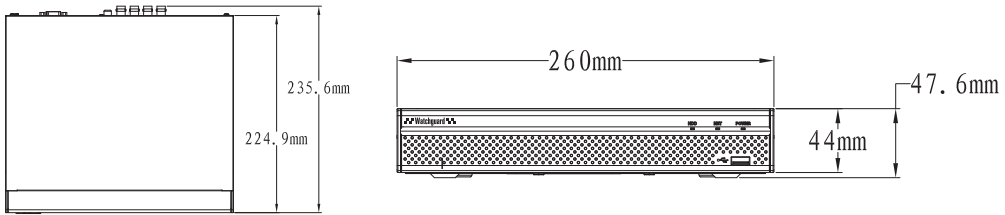- Quiet smart fan auto adjusts with CPU temperature

2 x Standard D1 Analogue Resolution

IP, Analogue & HD Over Coax Support

Remote View via QR Code

	Model	CVR8EV4	CVR16EV4
General	Main Processor	Embedded Processor	
	Operating System	Embedded Linux OS	
	Video Input	8 channel BNC	16 channel BNC
	Camera Configurations	Coaxial: 8 channels up to 720p/15fps (HDCVI, HDTVI, AHD), 960H/25fps (analogue) Network: 10 channels up to 5MP (replaces up to 8 x BNC inputs)	Coaxial: 16 channels up to 720p/15fps (HDCVI, HDTVI, AHD), 960H/25fps (analogue) Network: 18 channels up to 5MP (replaces up to 16 x BNC inputs)
	Audio Input/Output	1/1	
	Two-way Talk	Reuse channel 1 audio input/output	
	Interoperability	ONVIF 2.4.1, CGI conformant	
Display	Video Output	1 x HDMI, 1 x VGA	
	Display Resolution	Configurable from 1920 x 1080 to 1024 x 768	
	Display Split	1 / 4 / 8 / 9 / 16	1 / 4 / 8 / 9 / 16 / 25
	OSD	Camera Title, Time, Video Loss, Camera Lock, Motion Detection & Recording	
Recording	Recording Resolution	Configurable from 720p (1280 x 720) to CIF (352 x 288)	
	Video Compression	H.264	
	Bit Rate	1~6144Kb/s	
	Record Modes	Manual / Schedule (Regular [Continuous], MD) / Alarm / Stop	
	Record Interval	1~60 min (default: 60 min) / Pre: 1~30s / Post: 10~300s	
Features	Alarm Input / Output	N/A	
	Trigger Events	Recording; PTZ; Tour; Alarm Out; Push Video Notification; Email notification; FTP; Snapshot; Internal Buzzer; and Screen Tip Overlay	
	Video Detection	MD zones: 396 (22 × 18) / Video loss / Camera blank	
	Playback Sync	1 / 4 / 9	
	Search Modes	Time/Date; Alarm; Motion detection; Exact search (to the second)	
	Backup Modes	USB Device / Network	
Network	Ethernet	1 RJ-45 port (10/100M)	
	Power over Ethernet	N/A	
	Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search	
	Optical Interface	N/A	
	Max. User Access	128 users	
	Remote View	iOS (iPhone, iPad) / Android devices / Windows Phone* (limited functionality)	
Storage	Internal HDD	1 SATA port, up to 10TB	
	HDD Modes	Single disk	
	USB Interface	2 ports: Front USB2.0	
	Auxiliary Inputs	1 x RS485 port	
Environment	Power Supply	DC12V/2A	
	Power Consumption	<10W (Without HDD)	
	Operating Environment	-10 ~55°C / 10~90%RH / 86~106kpa	
	Dimensions / Rack Units	260mm x 220mm x 40mm (1U)	
	Weight	0.75kg (without HDD)	
Additional Information	Product Diagrams		

235.6mm
224.9mm

260mm
47.6mm
44mm

Your local Watchguard™ HDCVI solutions professional: