

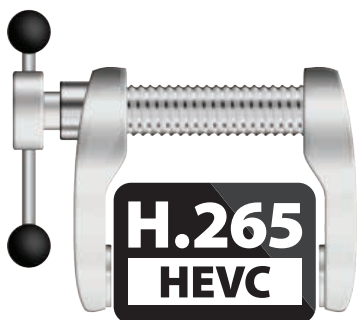


# Efficient HDCVI recording.

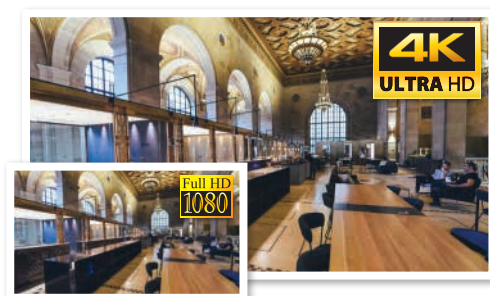
## Compact Series: 8.0MP HDCVI Synergy DVRs in 8 and 16 channels

The Watchguard™ Compact Series sets the standard in HD over coax recording, delivering 4K / Ultra HD broadcast quality with the latest H.265+ video encoding for both impressive resolution and high storage efficiency.

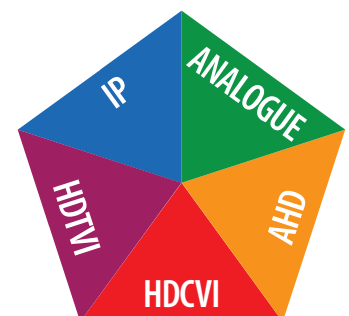
- Record UHD/4K/8.0MP (3840 x 2160) at 7fps / 4.0MP at 15fps (HDCVI) and 960H at 25fps (analogue)
- H.265 encoding for efficient storage & streaming
- Add additional IP channels up to 8.0MP resolution
- 1 x SATA port for up to 10TB total HDD capacity
- Configure remote view in seconds via QR code
- 1 x HDMI (up to UHD/4K) & 1x VGA video output
- Backup via external USB device or local network
- Remote view for iOS, Android & Windows Phone
- Quiet smart fan auto adjusts with CPU temperature



High Efficiency Video Recording



Ultra HD Recording Over Coax



IP, Analogue & HD Over Coax Support

Model	CVR8COM	CVR16COM
<b>General</b>		
Product Image		
Main Processor	Embedded Processor	
Operating System	Embedded Linux OS	
Video Input	8 channel BNC	16 channel BNC
Camera Configurations	<b>Coaxial:</b> 8 channels up to 8.0MP/7fps (HDCVI, HDTV, AHD), 960H/25fps (analogue) <b>Network:</b> Add 4 channels up to 8.0MP Max 48Mbps Incoming Bandwidth	<b>Coaxial:</b> 16 channels up to 8.0MP/7fps (HDCVI, HDTV, AHD), 960H/25fps (analogue) <b>Network:</b> Add 8 channels up to 8.0MP Max 96Mbps Incoming Bandwidth
Audio In/Out	1 / 1	
Two-way Talk	Reuse channel 1 audio input / output RCA	
<b>Display</b>	1 x HDMI, 1 x VGA	
Video Output	3840 x 2160 / 2560 x 1440 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768	
Display Resolution	1 / 4 / 8 / 9 / 16	
Display Split	1 / 4 / 8 / 9 / 16 / 25	
OSD	Camera title, time, video loss, camera lock, MD & recording	
<b>Recording</b>	8.0MP (3840 x 2160) / 1080p (1920 x 1080)	
Maximum Resolution	<b>Main:</b> 8.0MP (1~7fps), 4.0MP (1~15fps), 1080p/720p (1~25fps) <b>Sub:</b> 960H (1~15fps)	
Frame Rate	H.265+ / H.265 / H.264+ / H.264	
Video Compression	32~6144Kbps per channel	
Bit Rate	Manual / Schedule (Regular, Continuous), Motion Detection, Alarm, Stop	
Record Modes	1~60 min (default: 60 min) / Pre: 1~30s / Post: 10~300s	
Record Interval	N/A	
Alarm Input / Output	Recording; PTZ; tour; alarm; push video notification; email notification; FTP upload; snapshot; internal buzzer; and screen tip overlay	
Trigger Events	MD zones: 396 (22 x 18) / Video loss / Camera blank	
Video Detection	1 / 4 / 9	1 / 4 / 9 / 16
Playback Sync	Time/Date; Alarm; Motion detection; Exact search (to the second); Smart Search	
Search Modes	Face Detection, Tripwire, Abandoned/Missing Object	
Intelligent Functions	USB Device / Network	
Backup Modes	1 x RJ-45 port (1000M)	
Ethernet	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search	
Network Functions	128 users	
Max. User Access	iOS (iPhone, iPad), Android devices, Windows Phone	
Remote View	1 SATA port, up to 10TB total	
Internal HDD	2 ports: 1 x USB2.0, 1 x USB3.0	2 ports: 1 x USB2.0, 1 x USB3.0
USB Interface	1 x RS485 port (for PTZ)	
Auxiliary Inputs	12VDC/2A	
Power Supply	<10W (without HDD)	
Power Consumption	<20W (without HDD)	
Operating Environment	-10 ~55°C / 10~90%RH	
Dimensions	260 x 236 x 48mm (1U)	325 x 255 x 55mm (1U)
Weight	0.9kg (without HDD)	1.3kg (without HDD)
<b>Accessories</b>		
Product Diagram		

Your local Watchguard™ HDCVI solutions professional: