AI People & Vehicle Detection

Face Recognition

4K ULTRA HD

Upgrade to AI with Pro Series.

Professional Series: Artificial intelligence HDCVI DVRs available in 8 & 16 channels

Transform your existing low-resolution surveillance system into an Ultra HD AI system with the Securview Professional Series. Upgrade coaxial based systems to HDCVI (high definition composite video interface) and gain access to AI functionality*, 4K recording at 7fps and cross compatibility for IP, analogue and other coax technologies. These DVRs are fantastic for existing coax cable system upgrades and for upgrades on a budget that wish to use existing cameras.
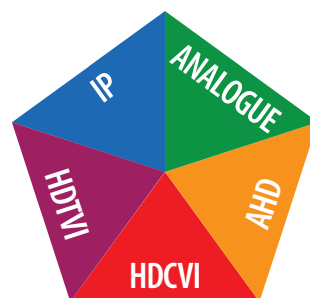
- Record up to 8.0MP (3840 x 2160) at 7fps (HDCVI)
- Supports analogue, HDTVI and AHD camera inputs
- Supports additional IP channels* via the network up to 8.0MP / 4K with up to 128Mbps incoming bandwidth

* Enabling IP channels disables AI & IVS functions

- 2 x HDD bays for up to 32TB of total footage storage
- AI detection to identify people & vehicles with smart motion detection (SMD+) & perimeter protection
- Identify people for security & business intelligence with up to 2 channels of face recognition *(with BNC inputs)*
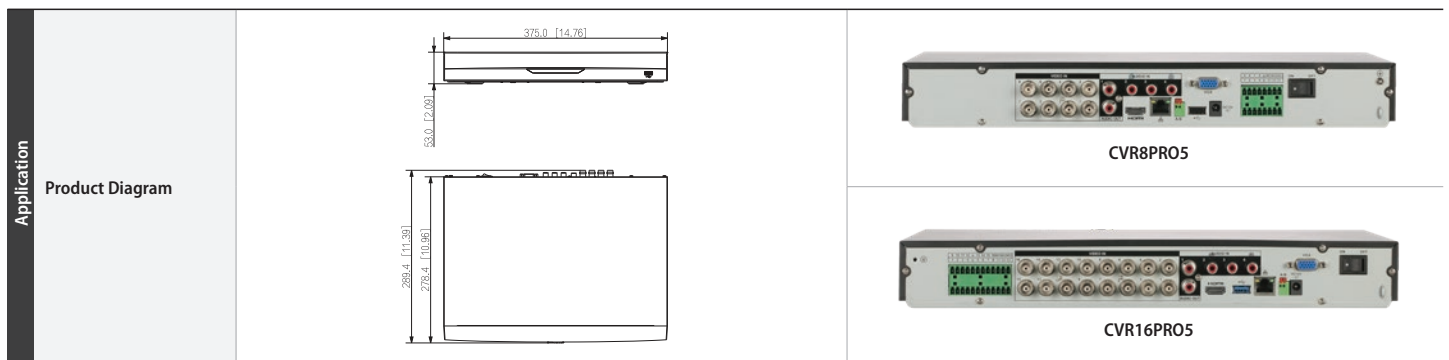
4K ULTRA HD

Full HD 1080

Ultra HD Recording Over Coax

Smart Person & Vehicle Detection

IP · ANALOGUE · AHD · HDCVI · HDTVI

Camera Cross Compatibility

Product specifications may be subject to change.

	Model	CVR8PRO5	CVR16PRO5
General	Main Processor / OS	Embedded Processor, embedded Linux OS	Embedded Processor, embedded Linux OS
General	Video Input	8 channel BNC	16 channel BNC
General	Camera Configurations	**Coaxial**: 8 channels up to 8.0MP/7fps (HDCVI), 960H/25fps (analogue)	**Coaxial**: 16 channels up to 8.0MP/7fps (HDCVI), 960H/25fps (analogue)
General		**Network**: Add 8 additional channels up to 8.0MP Max 128Mbps Incoming Bandwidth *Enabling IP channels disables AI / IVS functions	**Network**: Add 16 additional channels up to 8.0MP Max 128Mbps Incoming Bandwidth *Enabling IP channels disables AI / IVS functions
General	Audio In/Out	4 / 1, RCA	
General	Two-way Talk	Reuse channel 1 audio input/ output, RCA	
Display	Video Output	1 HDMI / 1 VGA	
Display	Display Resolution	3840 x 2160 to 1280 x 720	
Display	Display Split	1 / 4 / 8 / 9 (16 w/ IP extension mode enabled)	1 / 4 / 8 / 9 / 16 (25 / 36 w/ IP extenstion mode enabled)
Display	OSD	Camera title, time, video loss, camera lock, MD & recording	
Recording	Maximum Resolution	8.0MP (3840 x 2160) / 4.0MP (2560 x 1440) / 1080p (1920 x 1080)	
Recording	Frame Rate	**Main**: 8.0MP (1~7fps) / 6.0MP (1~10fps) / 5.0MP (1~12fps) / 4.0MP & 3.0MP (1~15fps) / 1080p (1~25fps) / **Sub**: 960H (1~15fps) / D1 (1~25fps)	
Recording	Video Compression	AI Coding / H.265+ / H.265 / H.264+ / H.264	
Recording	Bit Rate	32Kbps ~ 6144Kbps Per Channel	
Recording	Record Modes	Manual / Schedule (Regular, Continuous) , Motion Detection (Video Detection, Motion Detection, Video Loss, Tampering), Alarm	
Recording	Record Interval	1 ~ 60 min (default: 60 min) / Pre: 1 ~ 30s / Post: 10 ~ 300s	
Face Recognition	Face Recognition	**Performance:** Max. 12 face pictures per second (modeling and comparing) *(Performance varies depending on camera and resolution)* **Stranger Mode:** Detect strangers faces (not in database) **Performance (Channel):** Approx. 2 channels face recognition *(BNC input only, adding additional IP Cameras disables face recognition)*	
Face Recognition	Database Management	Up to 10 face databases with 20,000 face images in total. Name, gender, birthday, nationality, address, ID information can be added to each face picture	
Face Recognition	Database Application	Each database can be applied to video channels independently	
Face Recognition	Trigger Events	Buzzer, Voice Prompts, Email, snapshot, Recording, Alarm Out, PTZ activation, etc	
AI Functions	Perimeter Protection	2 channels, 10 IVS rules for each channel (Advanced Model) ; 8 channels, 10 IVS for each channel (General Model)	
AI Functions	Smart Motion Detection	8 channels	16 channels
AI Functions	AI Search	Search footage by target classification (Human, Vehicle)	
AI Functions	Object Classification	**Perimeter Protection:** Human / vehicle secondary recognition for tripwire / intrusion	
Features	Alarm Input / Output	8 channel input / 3 relay output	16 channel input / 3 relay output
Features	Trigger Events	Recording: PTZ; tour; push video notification; email notification; FTP upload; snapshot; internal buzzer; and screen tip overlay	
Features	Video Detection	MD zones: 396 (22 x 18) / Video Loss / Tampering / Diagnosis	
Features	Playback Sync	1 / 4 / 9	1 / 4 / 9 / 16
Features	Search Modes	Time/Date; Alarm, Motion detection; Exact search (to the second)	
Features	Backup Modes	USB Device / Network	
Network	Ethernet	1 x RJ-45 port (1000M)	
Network	Network Functions	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, P2P	
Network	Max. User Access	128 Users	
Network	Remote View	IOS (iPhone, iPad); Android devices	
General	Internal HDD	2 x SATA ports up to 16TB each, 32TB total	
General	USB Interface	2 x ports: 1 x USB2.0, 1 x USB3.0	
General	Auxiliary Inputs	1 x RS485 port (for PTZ)	
General	Power Supply	12VDC/4A	12VDC/5A
General	Power Consumption	<10W (without HDD)	<15W (without HDD)
General	Operating Environment	-10 ~ 55℃ / 10 ~ 90%RH	
General	Dimensions	375mm x 288mm x 53mm	
General	Weight	1.6kg (without HDD)	1.8kg (without HDD)

Application — Product Diagram

CVR8PRO5

CVR16PRO5

Your local Securview™ HDCVI solutions professional: