AI People & Vehicle Detection
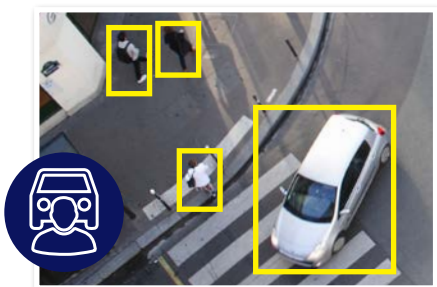
Face Recognition

4K ULTRA HD

Upgrade to AI with Pro Series.

Professional Series: Artificial intelligence HDCVI DVR in 8, 16 and 32 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.
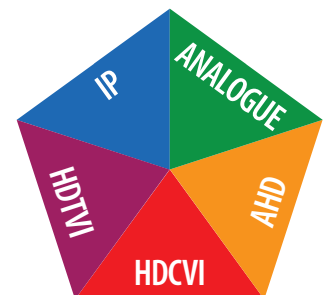
- Record up to 8.0MP (3840 x 2160) at 7fps (HDCVI)
- Supports analogue, HDTVI and AHD camera inputs
- Supports additional IP channels* via the network up to 8.0MP / 4K with up to 128Mbps incoming bandwidth
  *Addition of IP cameras disables the DVR's AI functions

- Up to 8 HDD bays for up to 128TB of footage storage
- AI human/vehicle detection via motion by DVR
- AI human/vehicle tripwire/intrusion by DVR
- Allow/block access with AI face recognition
  **IP cameras with built-in AI cannot use AI functions

AI Human & Vehicle Detection

AI Face Detection & Recognition

Camera Cross Compatibility

IP | ANALOGUE | AHD | HDCVI | HDTVI

	Model		CVR8PRO5	CVR16PRO5	CVR32PRO5
General	Video Input		8 channel BNC	16 channel BNC	32 channel BNC
	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)	**Coaxial**: 32 channels up to 8.0MP/7fps (HDCVI), 960H/25fps (analogue)
			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	**Network**: Substitute up to 32CH coax for IP (No additional IP channels) Max 128Mbps Incoming Bandwidth *Enabling IP channels disables AI / IVS functions
	Main Processor / OS		Embedded Processor, embedded Linux OS		
	Remote View		IOS (iPhone, iPad); Android devices		
Recording	Maximum Resolution		8.0MP (3840 x 2160) / 4.0MP (2560 x 1440) / 1080p (1920 x 1080)		
	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)		
	Video Compression		AI Coding / H.265+ / H.265 / H.264+ / H.264		
	Bit Rate		32Kbps ~ 6144Kbps Per Channel		
	Record Modes		Manual / Schedule (Regular, Continuous) , Motion Detection (Video Detection, Motion Detection, Video Loss, Tampering), Alarm		
	Backup Modes		USB Device / Network	USB Device / Network	USB Device / Network/ eSATA
Interface	HDD		2 x SATA bays, up to 16TB per bay	2 x SATA bays, up to 16TB per bay	8 x SATA bays, up to 16TB per bay
	Audio		4 channel input (RCA), 1 channel output (RCA)	4 channel input (RCA), 1 channel output (RCA)	16 channel input (BNC), 1 channel output (BNC)
	Alarm	Interface	8 channel input, 3 relay output	16 channel input, 3 relay output	16 channel input, 5 relay output, 12V1A output
		Types	General (motion, video loss, scene change, etc.), Anomalies (camera disconnect, disk full, IP conflict , etc.), Intelligent (AI alerts, face, human/vehicle, etc.)		
		Actions	Begin record, take snapshot, camera external alarm output, access controller, audio, buzzer, DVR log, camera preset, email		
	Display	Input	1 x HDMI (up to 3840 x 2160), 1 x VGA (up to 1920 x 1080)	1 x HDMI (up to 3840 x 2160), 1 x VGA (up to 1920 x 1080)	2 x HDMI (1 output up to 3840 x 2160), 1 x VGA (up to 1920 x 1080), 1 x TV (BNC)
		Split	1 / 4 / 8 / 9 (16 w/ IP extension mode enabled)	1 / 4 / 8 / 9 / 16 (25 / 36, IP extension mode enabled)	1 / 4 / 8 / 9 / 16 / 25 / 36
	Network	Input	1 x 1000Mbps Ethernet uplink	1 x 1000Mbps Ethernet uplink	2 x 1000Mbps Ethernet uplinks
		Functions	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, P2P		
	USB & Other Inputs		1 x Front USB 2.0, 1 x Rear USB 3.0 / 1 x RS-485	1 x Front USB 2.0, 1 x Rear USB 3.0 / 1 x RS-485	2 x Front USB 2.0, 2 x Rear USB 3.0 / 1 x RS-485 / 1 x RS-232 / 1 x eSATA
Artificial Intelligence	Supported AI Functions		Face Detection, Face Recognition, AI Human/Vehicle Detection (AI functions compatible with BNC channels only; AI using additional IP channels and in-camera AI functions are not supported)		
	Face Detection	Function	Gender, Age Group, Glasses, Expressions, Face Mask, Beard		
		Capacity	2 channels (up to 12 faces per second, per channel)	2 channels (up to 12 faces per second, per channel)	6 channels (up to 12 faces per second, per channel)
	Face Recognition	Function	Supports up to 10 face databases and 20,000 face images		
		Capacity	2 channels	2 channels	6 channels
	Human/ Vehicle Detection	Function	AI Tripwire & Intrusion (IVS), AI Motion Detection (SMD)		
		Capacity	IVS: 8 channels (general) / 2 channels (advanced) (10 rules per channel) SMD: 8 channels	IVS: 8 channels (general) / 2 channels (advanced) (10 rules per channel) SMD: 16 channels	IVS: 12 channels (general) / 6 channels (advanced) (10 rules per channel) SMD: 16 channels
Environment	Power Supply		12VDC/4A	12VDC/5A	100-240 VAC, 50/60 Hz
	Power Consumption		<10W (without HDD)	<15W (without HDD)	<30 W (without HDD)
	Operating Environment		-10 ~ 55℃ / 10 ~ 90%RH		
	Dimensions		375mm x 289mm x 53mm	375mm x 289mm x 53mm	439.9mm x 463mm x 94.9mm
	Weight		1.6kg (without HDD)	1.8kg (without HDD)	7kg (without HDD)
Application	Dimensions		375.0 / 53.0 / 289.4 / 278.4	375.0 / 53.0 / 289.4 / 278.4	439.9 / 94.9 / 463.0 / 452.4
	Rear Panel				

Your local Securview™ HDCVI solutions professional: