

**AI**  
ARTIFICIAL INTELLIGENCE



# AI-enhanced CCTV upgrades.

## Ultimate Series: Powerful AI HDCVI DVRs available in 16 channels

Rapidly transform low-resolution surveillance into high performing HD CCTV, with support for IP & analogue video inputs. The Securview™ Ultimate AI Series offers advanced technologies to transform the way surveillance works for you. Monitor your operations using intelligent face recognition & AI people and vehicle detection. Identify strangers, set up blacklists, search playback by face and receive people & vehicle surveillance alerts to your devices.

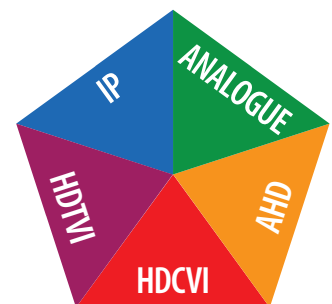
- Record up to 8.0MP (3840 x 2160) at 15fps (HDCVI)
- Add additional IP channels up to 8.0MP resolution
- Up to 128Mbps incoming bandwidth, H.265+ support
- 8 x HDD support for up to 80TB footage storage
- HDMI (up to 4K) & VGA simultaneous video output
- AI detection to identify people & vehicles with smart motion detection (SMD+) & perimeter protection
- Identify people for security & business intelligence with up to 6 channels of face recognition (with analogue cameras)
- Receive face recognition & people/vehicle detection alerts



AI Powered Facial Recognition



Smart Person & Vehicle Detection



Victory Synergy Compatibility

Model		CVR16ULT-I
Product Image		
Main Processor / OS		Embedded Processor, embedded Linux OS
Video Input		16 channel BNC
Camera Configurations		<b>Coaxial:</b> 16 channels up to 8.0MP/25fps (HDCVI), 720p/50fps (analogue) <b>Network:</b> Add 16 channels up to 12.0MP Max 128Mbps Incoming Bandwidth
Audio In/Out		16 audio in / 1 audio out, BNC
Two-way Talk		Reuse channel 1 audio input/output, BNC
Video Output		HDCVI / HDTV / AHD / Composite / IP
Display Resolution		3840 x 2160 to 1280 x 720
Display Output		2 x HDMI / 1 x VGA / 1 x TV
Display Split		1 / 4 / 9 / 16
OSD		Camera title, time, video loss, camera lock, MD & recording
Maximum Resolution		8.0MP (3840 x 2160) / 4.0MP (2560 x 1440) / 1080p (1920 x 1080)
Frame Rate		<b>Main:</b> 8.0MP (1~15fps) / 6.0MP (1~20fps) / 5.0MP and lower (1~25fps) / <b>Sub:</b> 960H (1~15fps) / D1 (1~25fps)
Video Compression		AI Coding / H.265+ / H.265 / H.264+ / H.264
Bit Rate		32Kbps ~ 8192Kbps Per Channel
Record Modes		Manual / Schedule (Regular, Continuous) , Motion Detection (Video Detection, Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval		1 ~ 60 min (default: 60 min) / Pre: 1 ~ 30s / Post: 10 ~ 300s
Performance (Faces)		Max. 12 face pictures per second (modeling and comparing) <i>(Performance varies depending on camera and resolution)</i>
Performance (Channel)		Approx. 6 channels face recognition <i>(Analogue cameras only)</i>
Stranger Mode		Detect strangers face (not in database)
AI Search		Up to 8 target face images at the same time
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
Database Application		Each database can be applied to video channels independently
Trigger Events		Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Perimeter Protection		6 channels, 10 IVS rules for each channel
Smart Motion Detection		16 channels
AI Search		Search footage by target classification (Human, Vehicle)
Object Classification		<b>Perimeter Protection:</b> Human / vehicle secondary recognition for tripwire / intrusion
Alarm Input / Output		16 channel input / 6 relay output
Trigger Events		Recording; PTZ; tour; push video notification; email notification; FTP upload; snapshot; internal buzzer; and screen tip overlay
Video Detection		MD zones: 396 (22 x 18) / Video Loss / Tampering / Diagnosis
Playback Sync		1 / 4 / 9 / 16
Search Modes		Time/Date; Alarm, Motion detection; Exact search (to the second)
Backup Modes		USB Device / Network
Ethernet		2 x RJ-45 port (1000M)
Network Functions		HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, SNMP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search
Max. User Access		128 Users
Remote View		IOS (iPhone, iPad); Android devices
Internal HDD		8 x SATA ports, up to 10TB each (80TB total)
USB Interface		4 x ports: 2 x USB2.0, 2 x USB3.0
Auxiliary Inputs		1 x eSATA port, 1 x RS485 port (for PTZ), 1 x RS232 port (for PC communication & keyboard)
Power Supply		100~240VAC, 50/60Hz
Power Consumption		<30W (without HDD)
Operating Environment		-10 ~ 55°C / 0 ~ 90%RH
Dimensions		440mm x 456mm x 95mm (2U)
Net Weight		6.9kg (without HDD)
Product Diagram		

Your local Securview™ HDCVI solutions professional: