



# Best in cross compatibility.

## Ultimate Series: 4.0MP HDCVI Synergy DVR available in 16 channels

Ultimate Series DVRs offer the greatest features of any Securview Victory Series DVR. This includes high resolution recording, large HDD storage capacity, Synergy compatibility and support for up to 64 additional IP video inputs.

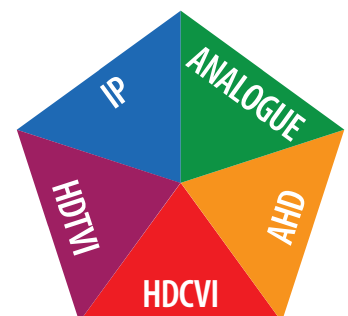
- Records up to 4K/8.0MP at 12fps (HDCVI, channels 1 and 9 only), 4.0MP at 15fps / 1080p at 25fps (HDCVI, HDTV, AHD) and 960H (analogue) at 25fps
- +64 additional IP channels up to 12.0MP/256Mbps
- 8 x SATA ports for up to 80TB total HDD capacity
- 2 x RJ45 (1000M) ports and alarm and audio I/O
- 2 x HDMI (1 x up to 4K) inputs & VGA video output
- Backup via USB, eSATA, or DVD burner (optional)
- Smart search, people counting & face detection
- Configure remote view in seconds via QR code



**4K/Ultra HD Live View + 2CH Record**



**Add up to 64 IP video inputs**



**Victory Synergy Compatibility**

Model	CVR16ULT
Main Processor	Intel Core Processors
Operating System	Embedded Linux OS
Video Input	16 channel BNC
Camera Configurations	Coaxial: 16 channels up to 4.0MP/15fps (HDCVI, HDTVI, AHD), Channels 1 & 9 up to 8.0MP/12fps, 960H/25fps (analogue) Network: Add 64 channels up to 12.0MP / Max 256Mbps Incoming Bandwidth
Audio In/Out	16 channel BNC / 1 channel BNC
Two-way Talk	1 channel input / 1 channel output BNC
Video Output	2 HDMI (1 x up to 4K/UHD resolution) / 1 VGA / 1 TV (BNC)
Display Resolution	3840 x 2160 / 2560 x 1440 / 1920 x 1080 / 1280 x 1024 / 1280 x 720 / 1024 x 768
Display Split	1/4/8/9/16/25/36
OSD	Camera title, time, video loss, camera lock, MD & recording
Privacy Masking	4 rectangular zones per camera
Maximum Resolution	8.0MP (3840 x 2160) / 4.0MP (2560 x 1440) / 1080p (1920 x 1080)
Frame Rate	Main: 8.0MP (1~12fps, channel 1 & 9 only) / 4.0MP (1~15fps) / 1080p (1~25fps) Sub: D1 (1~25fps)
Video Compression	H.264+ / H.264
Bit Rate	1~12288Kbps per channel
Record Modes	Manual / Schedule (Regular [Continuous], MD, Alarm) / Stop
Record Interval	1~60 min (default: 60 min) / Pre: 1~30s / Post: 10~300s
Alarm Input / Output	16 channel input / 6 channel relay output
Trigger Events	Recording; PTZ; predefined tour; alarm out; push video notification; email notification; FTP upload; snapshot, internal buzzer; and screen tip overlay
Video Detection	MD zones: 396 (22 x 18) / Video loss / Camera blank
Playback Sync	1 / 4 / 9 / 16
Search Modes	Time/Date; Alarm; Motion detection; Exact search (to the second); Smart Search
Intelligent Functions	Smart Tracking, Face Detection, People Counting
Backup Modes	USB Device / eSATA Device / Internal SATA burner (optional) / Network
Ethernet	2x RJ-45 port (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, SNMP, P2P, Alarm Server
Max. User Access	128 users
Remote View	iOS (iPhone, iPad), Android devices
Internal HDD	8 SATA Ports, up to 80TB total
USB Interface	4 x USB ports (2 x USB2.0, 2 x USB3.0)
Auxiliary Inputs	1 x RS232 port (PC comm. & keyboard) / 1 x RS485 (PTZ control) / 1 x RS422 (keyboard) / 1 x LOOP (HDCVI/Composite 8/16 BNC)
Power Supply	100 ~ 240VAC, 50/60 Hz
Power Consumption	<40W (without HDD)
Operating Environment	-10~55°C / 10~90%RH / 86~106kpa
Dimensions	440mm x 455mm x 95mm (2U)
Weight	8.25kg (without HDD)

**Accessories**

**Product Diagram**

The diagram illustrates the physical layout of the CVR16ULT DVR. The front view shows a 2U rack-mountable unit with a width of 440mm and a height of 94.85mm. The rear view shows a dense array of ports including 16 BNC video inputs, 2 HDMI outputs, 1 VGA output, 1 BNC TV output, 16 audio channels, 2 RS485 ports for PTZ control, 4 USB ports, 8 SATA ports for storage, and various alarm and sensor inputs.

Your local Securview™ HDCVI solutions professional: