

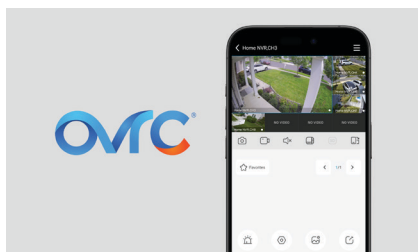
ClareVision V300 Series 16 Channel NVR with 4TB HDD

CLR-V300-16PNVR4



The NDAA-compliant ClareVision V300 Series NVR is available in 4, 8, and 16-channel port configurations. Designed with enhanced processing power for higher-resolution video, this next-generation NVR delivers the reliability and performance needed for projects of any size or budget.

The ClareVision NVR also features Lite OvrC capabilities, giving you remote access for key support functions, including device reboot, firmware updates, health monitoring, and access to the local UI via WebConnect, helping unnecessary truck rolls and streamlining system maintenance.



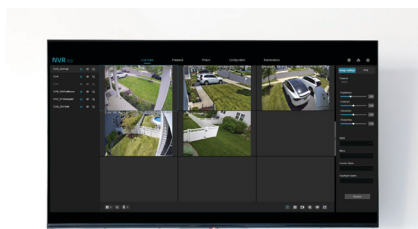
Supports Lite OvrC Capabilities

Save time on every surveillance project deployment with OvrC. The ClareVision V300 Series NVR features Lite OvrC capabilities, allowing you to resolve most common issues with remote reboot, firmware updating, device health status, and WebConnect to access the local NVR UI.



ClareVision Pro App For Critical Moments

Ensure your surveillance system is ready when it matters most. The ClareVision Pro app is built from the ground up to deliver a fast, intuitive, and reliable monitoring experience. Enjoy quick video loading, effortless event playback and search, and a clean, modern interface that makes surveillance simpler than ever.



Supports Up to 12MP Cameras

Engineered for modern surveillance needs, the V300 Series NVRs fully support cameras up to 12MP resolution for crystal-clear, high-detail video capture.



Specifications	
Video	
Video Input	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1280x1024P, 960P, 720P, D1, CIF
Output	1xHD, 1xVGA
Audio	
Audio Input	1x Port RCA, support 16CH IPC audio input
Audio Output	1x Port RCA (Linear, 1kΩ), HD output
Audio Bit Rate	64kbps
Audio Compression	G711U, G711A, AAC, MP2L2
Alarm	
Sensor Input	4CH
Sensor Output	1CH
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips, Pop-up Window, Buzzer, Notify Surveillance Center, Alarm Output
Display	
HD Output1	4K (3840x2160), 2K (2560x1440), 1920x1080, 1280x1024, 1280x720, 1024x768
HD Output2	N/A
VGA	1920*1080/1280*1024/1280*720/1024*768
Display Split	16CH/13CH/10CH/9CH/8CH/6CH/4CH/2CH/1CH
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm
Recording	
Video Compression	H265+, H264+, H265, H264
Resolution	12MP (4000x3000), 8MP (3840x2160), 6MP (3072x2048), 5MP (2592x1944), 4MP (2688x1520/2560x1440), 3MP (2048x1536), 1080P (1920x1080), 1280x1024, 960P (1280x960), 720P (1280x720), 960H (960x480), D1 (720x576/720x480)
Frame Rate	PAL: 12MP@16CHx25fps, 8MP@16CHx25fps, 6MP@16CHx25fps, 5MP@16CHx25fps, 4MP@16CHx25fps, 3MP@16CHx25fps, 1080P@16CHx25fps, 960P@16CHx25fps, 720P@16CHx25fps, 960H@16CHx25fps, D1@16CHx25fps NTSC: 12MP@16CHx30fps, 8MP@16CHx30fps, 6MP@16CHx30fps, 5MP@16CHx30fps, 4MP@16CHx30fps, 3MP@16CHx30fps, 1080P@16CHx30fps, 960P@16CHx30fps, 720P@16CHx30fps, 960H@16CHx30fps, D1@16CHx30fps
Record Mode	Manual\Timer\Motion Detection\ Alarm\Smart Event

Specifications	
Playback & Backup	
Local Sync Playback	1CH 12MP@30fps,2CH 8MP@30fps,3CH 5MP@30fps, 4CH 4MP@30fps,8CH 1080P@30fps, 16CH 960P@30fps, 16CH 720P@30fps,16CH D1@30fps
Decode Capability	1080P(1920x1080)@240fps
Remote Sync Playback	YES
Search Mode	ALL, Timing Video, Motion Detection, Alarm, Tag search, Smart Event, Picture, Log
Playback Functions	Play, Pause, Fast Forward, Rewind, Previous Frame, Next Frame, Electronic Zoom, Clip, Audio
Backup Mode	USB Device/Network
Network	
Interface	1x RJ45 10M/100/1000MAdaptive Ethernet Interface
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	160Mbps
Network Functions	IPv4/IPv6/TCP/IP, HTTP, HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, P2P, PPPOE
Onvif	Profile S, Profile T
Web Browser	Edge, IE8-11, Chrome, Firefox, Safari
CMS Software	Windows 7, Windows 8, Windows 10, Windows 11, MAC OS
P2P Support	Yes
POE	16x Independent 100Mbps POE Network Interfaces, Support Plug and Play
PoE Maximum Distance	660ft (200M)
Max Single Channel	AT Mode 30W, AF Mode 15W
Total PoE Budget	200W
Storage	
Interface Type	2 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 10TB capacity for each HDD
Storage (internal)	4TB
General	
USB Interface	Front panel: 1x USB 2.0; Rear panel: 1x USB 2.0
Power consumption	100-240VAC , 50/60Hz ≤15W (Without Hard Disk and POE), Built-in Power Supply
Operating Humidity	10% ~ 90% humidity
Operating Temperature	14°-122°F (-10° ~ 50°C)
Product Dimension(WxDxH)	14.9 x 12.4 x 2in (380 x 316 x 51mm)
Net Weight	5.68lb (2.58kg) Without HDD
Gross Weight	7.67lb (3.48kg) Without HDD
Cetificate	CE, FCC, ROHS, ETL, ONVIF