UNV 32CH 16MP AI NVR System, 16 PoE





NDAA Compliant • 32CH IP (up to 16MP) • 16 PoE • Ultra 265 CODEC • 320Mbps Incoming Bandwidth • 160Mbps Outgoing Bandwidth • Face Detection • Vehicle Detection • SIP • UMD • All Ch. Vehicle Detection, UMD, SIP By IPC • 4 SATA • RAID

FEATURES

- Support Ultra 265 / H.265 / H.264 video formats
- 32-channel input
- Plug & Play with 16 independent PoE network interfaces
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- VGA and HDMI independent output
- Up to 16 Megapixels resolution recording
- ANR technology to enhance the storage reliability when the network is disconnected

- Support cloud upgrade

SPECIFICATIONS

Decoding	
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	Ultra 265 / H.265: 2 × 16MP@30, 2 × 12MP@30, 4 × 4K@30, 6 × 5MP@30, 8 × 4MP@30, 10 × 3MP@30, 16 × 1080P@30, 32 × 960P@25 H.264: 2 × 16MP(4800*2688)@30, 2 × 12MP@30, 2 × 4K@30, 4 × 5MP@30, 6 × 4MP@30, 8 × 3MP@30, 14 × 1080P@30, 30 × 720P@30, 32 x D1
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length and 4096 pixels in width, For VGA / HDMI independent output, the VGA live video is output by default. To output the highest resolution video from the HDMI port, please clear the VGA video on the preview page.
Audio Compression	G.711A, G.711U
Network	
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	160 Mbps
Remote Users	128
Protocols	TCP / IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, 802.1x, IPv6, IPv4
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
Video / Audio Input	
IP Video Input	32-ch
RCA Audio Input	1-ch
Video / Audio Output	
HDMI Output	4K (3840 × 2160) / 30 Hz, 1920 × 1080 / 60 Hz, 1920 × 1080 / 50 Hz, 1600 × 1200 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz
VGA Output	1920 × 1080 / 60 Hz, 1920 × 1080 / 50 Hz, 1600 × 1200 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz
RCA Audio Output	1-ch
Liveview Display	1 / 4 / 6 / 8 / 9 / 16 / 25 / 32

Corridor Mode Screen	3 / 4 / 5 / 7 / 9 / 10 / 12 / 16 / 32
Two-way Audio	
Two-way Audio	1-ch, RCA (Using the audio input and output)
Snapshot	
FTP / Schedule / Event Snapshot	4-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)
Recording	
Recording Resolution	16 MP / 12 MP / 8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080P / 960P / 720P / D1 / 2CIF / CIF
Synchronous Playback in Local	16-ch
Smart	
VCA Detection by IPC	Face Detection, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
Smart by IPC	All channels (up to 8 images/s in total)Face Detection, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Alarm	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording / Snapshot Abnormal
GUI Language	
GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian
Hard Disk	
SATA	4 SATA Interfaces

Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 1, 5
External Interface	
Network Interface	1 RJ45 10 M / 100 M / 1000 M self-adaptive Ethernet Interface
USB	Front panel: 1 × USB2.0, Rear panel: 1 × USB3.0
RS485	1
RS232	N / A
Alarm In	16-ch
Alarm Out	4-ch
Power Supply	AC 100 to 240 V
Power Switch	Support
PoE	
PoE Interface	16 RJ45 10 M / 100 M self-adaptive Ethernet Interface
Max Power	Max 30 W for single port, Max 150 W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af
Working Environment	
Working Temperature	−10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 20W
Dimensions	
Weight (without HDD)	≤ 4Kg (8.82lb)
Dimensions	400mm × 368mm × 74mm
	(15.7" × 14.5" × 2.9")
Certification	
Certification	CE; FCC; UL; RoHS; WEEE
CE	EN 55032, EN 61000 ~ 3-3, EN IEC 61000 ~ 3-2, EN 55035

FCC	Part15 Subpart B