UNV 64CH 16MP AI+ NVR System





NDAA Compliant • 64CH IP (up to 16MP) • Ultra 265 CODEC • 320Mbps Incoming Bandwidth • 160Mbps Outgoing Bandwidth • Face Detection • Vehicle Detection • SIP • UMD • All Ch. Vehicle Detection, UMD, SIP By IPC • 8 SATA • RAID

FEATURES

- Support Ultra 265 / H.265 / H.264 video formats
- 64-channel input
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- VGA and HDMI simultaneous output by default, independent output configurable
- Up to 16 Megapixels resolution recording
- Support N+1 Hot spare
- 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, 36 × 720P@30, 64 x D1
Decoding Capability	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, 28 × 960P@25, 30 × 720P@30, 64 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	64-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 (Simultaneous Output)	VGA:1 / 4 / 6 / 8 / 9 / 16 / 25 / 36 / 64 HDMI:1 / 4 / 6 / 8 / 9 / 16 / 25 / 36 / 64

Liveview Display (Independent Output)	VGA:1 / 4 / 6 / 8 / 9 / 16 / 25 / 32 HDMI: 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. 8 MP (3840 × 2160) video resolution, with 1080P 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	8 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	2 RJ45 10 M / 100 M / 1000 M self-adaptive Ethernet Interface
USB	Front panel: 2 × 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
Working Environment	
Working Temperature	−10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 25W
Dimensions	
Weight (without HDD)	≤ 5.5Kg (12.13lb)
Dimensions	442mm × 426mm × 89mm (17.4" × 16.8" × 3.5")
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