### DATASHEET

### Network Video Recorder

### NVR504-B-P-IQ Series



#### Features

UNV

- Support Ultra 265/H.265/H.264 video formats
- 16/32-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

Model	NVR504-16B-P16-IQ	NVR504-32B-P16-IQ		
Decoding				
Decoding Format	Ultra 265, H.265, H.264			
Decoding Capability	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 16 x 720P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 720P@30 Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 24 x 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.			

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Audio Compression	G.711A, G.711U		
Network			
	Smart Off 220Mbra		
Incoming	Smart Off: 320Mbps		
Bandwidth	Smart On: 160Mbps		
Outgoing	160 Mbps		
Bandwidth	·		
Remote Users	128		
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x,		
	IPv6, IPv4		
Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+		
Video/Audio Input			
IP Video Input	16-ch	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	1/4/6/8/9/16/25/32	
Corridor Mode			
Screen	3/4/5/7/9/10/12/16	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/Eve nt 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	I		
	Face Detection, Face Comparison, Vehicle Detection, SIF	P (Intrusion Detection, Cross Line Detection, Enter Area	
VCA Detection by	Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection,		
IPC	Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd		
	Density Monitoring), Video Metadata, Traffic Monitoring		
Smart by NVR	Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD)		
	Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body		
VCA Search	Search, General Search, People Counting Report, Heat Map, SmartSearch+, AcuSearch		
	All channels (up to 8 images/s in total)Face Detection, Face Comparison, Vehicle Detection, Temperature		
Smart by IPC	Detection, SIP, UMD, Video Metadata, Traffic Monitoring		
Search by Image	Support		

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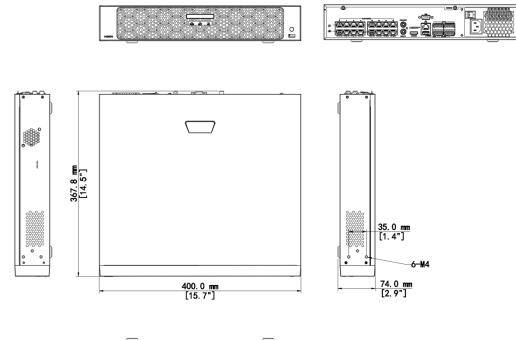
LibraryFor the definition of the second	Vehicle Picture	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total		
UMD by NVR8-chCapacity of3 millions records for face snapshot, 2 millions records for video MetadataSnapshot Recordsmillions records for video MetadataAmmDefocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Huma Body Detection, Video Loss, Alarm Input, Audio Detection, Hard Disk Full Recording/Snapshot Abnormal, Array Danged, Array DegradedGUI LanguageDefondity, Network Discometed, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full Recording/Snapshot Abnormal, Array Danged, Array DegradedGUI LanguageSalanguages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Space Low, Hard Disk Norwegian, Finnish, Croatian, Slovakia, Forotuguese, French, German, Italian, Dutch, Polish, Sceech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovakia, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovakia, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovakia, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovakia, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovakia, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovakia, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovaki, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovaki, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovaki, Stonian, Bulgarian, Greek, Romaina, Danish, Sweelsh, Norwegian, Finnish, Croatian, Slovaki, Stonian, Bulgarian, Greek,	Library			
Capacity of       2 millions records for face snapshot, 2 millions records for vehicle snapshot, 3 millions records for SIP, 2 millions records for video Metadata         Alarm	SIP by NVR	4-ch		
Snapshot Records         millions records for video Metadata           Alarm         Defcus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tacking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarn Input, Audio Detection, Metadata           Alert Alarm         IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal, Array Damaged, Array Degraded           GUI Language         Bal anguages: 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, Ukrainan, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovaki, Storean, Japanese, Latvian, Lithuanian, Persian           Hard Disk         Support           Storage         Support           Disk Group         Support           Redundant         Support           Storage         Rel J 15           Network Interface         I RU45 10 M/1000 M/1000 M self-adaptive Ethernet Interface           Network Interface         Support           Storage         Support           Storage         Support           Otto Detection         Support           Storage         Font panel: 1 × USB2.0, Rear panel: 1 × USB3.0           Restare         If C-ch           Ala	UMD by NVR	8-ch		
Alarm         Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion           General Alarm         Defocus Detection, Scene Change 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           GUI Language         Sill anguages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Ceech, Hungarian, Slovak, Rossian, Hebrew, Arabic, Vasrianin, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Sloven, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Sloven, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Sloven, Storay, Norwegian, Finnish, Croatian, Sloven, Storay, Moley, Astal Mathemation, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian           Bard Disk         Support           Storage         Support           Network Interface         RAID 1,5           External Interface         1.845 10 M/1000 M/1000 M self-adaptive Ethernet Interface           VBA         N/A           Alarm in         1.6-ch           Alarm in         1.6-ch           Alarm 1         6-ch           Alarm 1         6-ch           Alarm 0         4-ch           Power Switch         Suport </td <td>Capacity of</td> <td colspan="2">2 millions records for face snapshot, 2 millions records for vehicle snapshot, 3 millions records for SIP, 2</td>	Capacity of	2 millions records for face snapshot, 2 millions records for vehicle snapshot, 3 millions records for SIP, 2		
Alarm         Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion           General Alarm         Defocus Detection, Scene Change 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           GUI Language         Sill anguages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Ceech, Hungarian, Slovak, Rossian, Hebrew, Arabic, Vasrianin, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Sloven, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Sloven, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Sloven, Storay, Norwegian, Finnish, Croatian, Sloven, Storay, Moley, Astal Mathemation, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian           Bard Disk         Support           Storage         Support           Network Interface         RAID 1,5           External Interface         1.845 10 M/1000 M/1000 M self-adaptive Ethernet Interface           VBA         N/A           Alarm in         1.6-ch           Alarm in         1.6-ch           Alarm 1         6-ch           Alarm 1         6-ch           Alarm 0         4-ch           Power Switch         Suport </td <td>Snapshot Records</td> <td colspan="2"></td>	Snapshot Records			
General Alarm         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, Array Damaged, Array Degraded           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         4 SATA Interfaces           Capacity         Up to 15 Tb for each HDD (The maximum HDD capacity varies with environment temperature)           Disk Group         Support           Redundant         Support           Storage         Support           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 Support         Support           Pointerface         16 RJ45 10 M/100 M self-adaptive Ethernet Interface           Def Interface				
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, Array Damaged, Array Degraded           GUI Language         Sal Banguages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Stovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian           Hard Disk         4 SATA Interfaces           Starta         4 SATA Interfaces           Guing         Support           Disk Group         Support           Storage         Torontpart: 1 × USB2.0, Rear panel: 1 × USB3.0           Disk Array Type         RIAD 10/100 M/1000 M self-adaptive Ethernet Interface           Result         1 - Conclusted Support           Storage         1 - Conclusted Support           Result         1 - Conclusted Support           Result         1 - Support           Disk Group         3 - Conclusted Support           Result         1 - Support           Disk Array Type         AlaD 10/100 M/1000 M self-adaptive Ethernet Interface           Result         1 - Support	General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion		
Alert Alarm     Full, Recording/Snapshot Abnormal, Array Damaged, Array Degraded       GUI Language     Balanguages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Caech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian       Hard Disk     4 SATA Interfaces       Stara     4 SATA Interfaces       Capacity     Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)       Disk Group     Support       Storage     Support       Storage     Support       Network Interface     1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface       N/A     1       Alarm Int     16-ch       RS45     1       Rum Int     16-ch       Alarm Out     4-ch       Power Suppity     A Clou-240V       Power Suppity     Support       Poit Interface     Support       Poit Interface     IEEE 802.3at, IEEE 802.3af       Support     IEEE 802.3at, IEEE 802.3af       Working menperature     IDe <sup>C</sup> Ch S <sup>o</sup> C (14 <sup>eff</sup> to 122 <sup>eff</sup> )		Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection		
Full, Recording/Snapshot Abnormal, Array Damaged, Array Degraded         GUI Language         GUI Language         Sa 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       Bupport         Storage       Orth panel: 1 × USB.0         Disk Array Type       RAD 1,5         External Interface       Interface Interface         Vetwork Interface       Interface Interface         Storage       1         RS485       1         Alarm In       Ic-ch         Alarm In       Ic-ch         Alarm In       Ic-ch         Alarm In       Ic-ch         Power Switch       Support         Power Switch       Ic B45 10 M/100 M self-adaptive Ethernet Interface         Power Supply       Achonestore         Acho       Ico-c	Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk		
Bit anguages: 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		Full, Recording/Snapshot Abnormal, Array Damaged, Array Degraded		
GUI LanguageAmerica), 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, PersianHard DiskSATA4 SATA InterfacesGapacityUp to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)Disk GroupSupportRedundant StorageSupportNetwork InterfaceRAD 1, 5External InterfaceI RJAS 10 M/100 M/1000 M self-adaptive Ethernet InterfaceUSB1 RAS 10 M/100 M/1000 M self-adaptive Ethernet InterfaceAlarm Int16-chAlarm 1016-chAlarm 1016-chAlarm 014-chPower SupportSupportPointerface1 RJAS 10 M/100 M/self-adaptive Ethernet InterfacePower Support3 RJAS 10 M/100 M/1000 M self-adaptive Ethernet InterfacePower Support1 C-chAlarm 101 C-chAlarm 101 C-chPower Support3 RJAS 10 M/100 M/100 M/100 M/1000	GUI Language			
GUI LanguageSlovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, PersianHard DiskSATA4 SATA InterfacesCapacityUp to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)Disk GroupSupportRedundantSupportStorageRAID 1, 5External InterfaceIR.J4S 10 M/100 M/1000 M self-adaptive Ethernet InterfaceUSBFront panel: 1 × USB2.0, Rear panel: 1 × USB3.0R54851R5232N/AAlarm In16-chAlarm Out4-chPower SupplyAC 100-240VPower SupplySupportPote FereIE RJAS 10 M/100 M self-adaptive Ethernet InterfacePote SupplyIs Radia InterfacePote FereIs RJAS 10 M/100 M self-adaptive Ethernet InterfacePower SupplyAC 100-240VPower SupplyIs RJAS 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupportedIE E8 02.3af, IE EE 802.3afSupportedIE E8 02.3af, IE EE 802.3afWorking Temperature-10°C to 50°C (14°F to 122°F)		38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin		
Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian       Hard Disk     4 SATA Interfaces       Capacity     Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)       Disk Group     Support       Redundant     Support       Storage     Bulport       Network Interface     18.145 10 M/1000 M self-adaptive Ethernet Interface       Network Interface     1 RJ45 10 M/1000 M self-adaptive Ethernet Interface       USB     Front panel: 1 × USB2.0, Rear panel: 1 × USB3.0       R5485     1       R5232     N/A       Alarm In     16-ch       Alarm Out     4-ch       Power Support     Support       Poter     Poter       PoE     16.RJ45 10 M/1000 M self-adaptive Ethernet Interface       NA     Acch       R532     N/A       Alarm In     16-ch       Alarm Out     4-ch       Power Support     Kusoian, Support       Pole Interface     16.RJ45 10 M/100 M self-adaptive Ethernet Interface       Nar Worer     Max 30 W for single port, Max 150 W in total       Supported     IEE 802.3af, IEEE 802.3af       Supported     IEE 802.3af, IEEE 802.3af		America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian,		
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       Support         Storage       But D 1, 5         External Interface       1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface         VSB       Front panel: 1 × USB2.0, Rear panel: 1 × USB3.0         RS485       1         RS232       N/A         Alarm In       16-ch         Alarm Out       4-ch         Power Support       Support         Pole Interface       1 RJ45 10 M/100 M/100 M self-adaptive Ethernet Interface         Vow Support       Ac 100-240V         Power Supply       AC 100-240V         Power Support       IEEE 802.3at, IEEE 802.3af         Supported       IEEE 802.3at, IEEE 802.3af         Working       -10 °C to 50 °C (14 °F to 122 °F)	GUILanguage	Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish,		
SATA4 SATA InterfacesCapacityUp to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)Disk GroupSupportRedundant StorageBupportDisk Array TypeRAID 1, 5External InterfaceI RJ45 10 M/100 M solf-adaptive Ethernet InterfaceUSBFont panel: 1 × USB2.0, Rear panel: 1 × USB3.0R54851R5232N/AAlarm In16-chAlarm Out4-chPower SuplyAC 100-240VPower SuplySupportPOEPOEIEE 802.3at, IEEE 802.3afSupported StandardIEE 802.3at, IEEE 802.3afWorking Temperature-0°C to 5°C (14 °F to 122 °F)		Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian		
CapacityUp to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)Disk GroupSupportRedundant StorageBupportDisk Array TypeRAID 1,5External InterfaceI RJ45 10 M/100 M/s000 M self-adaptive Ethernet InterfaceUSBFont panel: 1 × USB2.0, Rear panel: 1 × USB3.0R54851R5232N/AAlarm In16-chAlarm Out4-chPower SupplyAC 100-240VPower SupplySupportPOEIPOEIPOEIWorking TandardIEE 802.3at, IEEE 802.3afSupportedISupportedI:EE 802.3at, IEEE 802.3afSupportedI:EE 802.3at, IEEE 802.3afWorking TemperatureI:O* Co 5* C (14 * Ft o 122 * F)	Hard Disk			
Disk GroupSupportRedundant StorageSupportDisk Array TypeRAID 1, 5External InterfaceI RJ45 10 M/100 M/1000 M self-adaptive Ethernet InterfaceNetwork Interface1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet InterfaceUSBFront panel: 1 × USB2.0, Rear panel: 1 × USB3.0Rs4851Rs232N/AAlarm In16-chAlarm Out4-chPower SupplyAC 100-240VPower SwitchSupportPOEIPOEIPOE Interface16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupported StandardIEEE 802.3af, IEEE 802.3afWorking Temperature-10 °C to 50 °C (14 °F to 122 °F)	SATA	4 SATA Interfaces		
Redundant Storage         Support           Disk Array Type         RAID 1, 5           External Interface         I RJ45 10 M/100 M/1000 M self-adaptive Ethernet 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 100-240V           Power Supply         AC 100-240V           Power Supply         AC 100-240V           Poet         IEEE 802.3at, IEEE 802.3af           Supported         IEEE 802.3at, IEEE 802.3af           Vorking         -10°C to 50°C (14 °F to 122 °F)	Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)		
StorageSupportDisk Array TypeRAID 1, 5External InterfaceIRJ4510 M/1000 M self-adaptive Ethernet InterfaceNetwork InterfaceIRJ4510 M/1000 M self-adaptive Ethernet InterfaceUSBFront panel: 1 × USB2.0, Rear panel: 1 × USB3.0RS4851RS232N/AAlarm In16-chAlarm Out4-chPower SupplyA 100-240VPower SuptopupportPoE Interface16 RJ45 10 M/100 M self-adaptive Ethernet InterfacePoE100-240VPoerUUPoerUUPoerUUPoerUUVorking CarlowLEE 802.3af, IEEE 802.3afWorking Fernerure-0°C (14 °F to 122 °F)	Disk Group	Support		
StorageImage: Constraint of the storageDisk Array TypeRAID 1, 5External InterfaceI RJ45 10 M/100 M/1000 M self-adaptive Ethernet InterfaceNetwork InterfaceI RJ45 10 M/100 M/1000 M self-adaptive Ethernet InterfaceUSBFront panel: 1 × USB2.0, Rear panel: 1 × USB3.0RS4851RS232N/AAlarm In16-chAlarm Out4-chPower SupplyAC 100-240VPower SwitchSupportPoEInterfacePoE Interface16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupportedIEE 802.3af, IEEE 802.3afStandard-u°c to 50°C (14°F to 122°F)	Redundant			
External InterfaceNetwork Interface1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet InterfaceUSBFront panel: 1 × USB2.0, Rear panel: 1 × USB3.0RS4851RS232N/AAlarm In16-chAlarm Out4-chPower SupplyAC 100-240VPower SwitchSupportPOEPOEInterfaceMax PowerIn RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax 30 W for single port, Max 150 W in totalSupportedStandardWorking Temperature-10 °C to 50 °C (14 °F to 122 °F)	Storage	Support		
Network InterfaceIRJ45 10 M/1000 M self-adaptive Ethernet InterfaceUSBFront panel: 1 × USB2.0, Rear panel: 1 × USB3.0RS4851RS232N/AAlarm In6-chAlarm Out4-chPower SupplyAC 100-240VPower SwitchSupportPOEIPOE16 R J45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupportedHEE 802.3af, IEEE 802.3afStandard·································	Disk Array Type	RAID 1, 5		
USBFront panel: 1 × USB2.0, Rear panel: 1 × USB3.0RS4851RS232N/AAlarm In16-chAlarm Out4-chPower SupplyAC 100-240VPower SwitchSupportPOEPOE16 R J45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupported StandardWorking EnvironmetWorking Temperature-10 °C to 50 °C (14 °F to 122 °F)	External Interface			
RS4851RS232N/AAlarn In16-chAlarn Out4-chAlarn Out4-chPower SupplyK100~240VPower SwitchSupportPoE16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax Power16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceSupported StandardIEE 802.3af, IEEE 802.3afWorking Environmet-10°C to 50°C (14 °F to 122 °F)	Network Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface		
RS232N/AAlarm In16-chAlarm Out4-chPower SupplyAC 100-240VPower SwitchSupportPOE16 RJ45 10 M/100 M self-adaptive Ethernet InterfacePoE Interface16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupported StandardEte 802.3at, IEEE 802.3afWorking Temperature-10°C to 50°C (14 °F to 122 °F)	USB	Front panel: 1 × USB2.0, Rear panel: 1 × USB3.0		
Alarm In16-chAlarm Out4-chPower SupplyAC 100~240VPower SwitchSupportPoE5000000000000000000000000000000000000	RS485	1		
Alarm Out4-chPower SupplyAC 100~240VPower SwitchSupportPoEPoE InterfaceMax Power16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupported StandardEEE 802.3at, IEEE 802.3afWorking EnvironmetWorking Temperature-10 °C to 50 °C (14 °F to 122 °F)	RS232	N/A		
Power SupplyAC 100~240VPower SwitchSupportPoEPoE Interface16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupported StandardHEE 802.3at, IEEE 802.3afWorking Environmet-10 °C to 50 °C (14 °F to 122 °F)Temperature-10 °C to 50 °C (14 °F to 122 °F)	Alarm In	16-ch		
Power SwitchSupportPoEPoE Interface16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupportedBEE 802.3at, IEEE 802.3afStandardHEEE 802.3at, IEEE 802.3afWorking Environmet-10 °C to 50 °C (14 °F to 122 °F)Temperature-10 °C to 50 °C (14 °F to 122 °F)	Alarm Out	4-ch		
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     IEEE 802.3at, IEEE 802.3af       Standard     IEEE 802.3at, IEEE 802.3af       Working Environmett     -10 °C to 50 °C (14 °F to 122 °F)       Temperature     -10 °C to 50 °C (14 °F to 122 °F)	Power Supply	AC 100~240V		
PoE Interface16 RJ45 10 M/100 M self-adaptive Ethernet InterfaceMax PowerMax 30 W for single port, Max 150 W in totalSupported StandardEEE 802.3at, IEEE 802.3afWorking EnvironmetWorking Temperature-0 °C to 50 °C (14 °F to 122 °F)	Power Switch	Support		
Max PowerMax 30 W for single port, Max 150 W in totalSupported StandardHEE 802.3at, IEEE 802.3afWorking Environmetty-10 °C to 50 °C (14 °F to 122 °F)Temperature-10 °C to 50 °C (14 °F to 122 °F)	PoE			
Supported     IEEE 802.3at, IEEE 802.3af       Standard     Vorking Environment       Working     -10 °C to 50 °C (14 °F to 122 °F)       Temperature     -10 °C to 50 °C (14 °F to 122 °F)	PoE Interface	16 RJ45 10 M/100 M self-adaptive Ethernet Interface		
Standard     IEEE 802.3at, IEEE 802.3af       Working Environment       Working       Temperature	Max Power	Max 30 W for single port, Max 150 W in total		
Standard   Working Environment   Working Temperature   -10 °C to 50 °C (14 °F to 122 °F)	Supported			
Working Temperature -10 °C to 50 °C (14 °F to 122 °F)	Standard	IEEE 802.3at, IEEE 802.3af		
-10 °C to 50 °C (14 °F to 122 °F) Temperature	Working Environmen			
-10 °C to 50 °C (14 °F to 122 °F) Temperature	Working	-10 °C to 50 °C (14 °E to 122 °E)		
	Working Humidity	≤ 90% RH (non-condensing)		

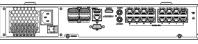
## UNV

### DATASHEET

Power		
Consumption	≤ 12W	
(without HDD)		
Dimensions		
Weight (without	$\sim 4K\sigma$ (9.91b)	
HDD)	$\leq$ 4Kg (8.8lb)	
Height	1.5U	
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	

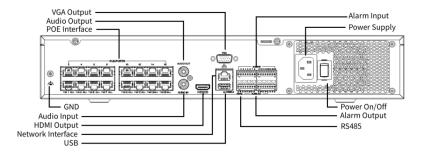
### Dimensions





### Rear Panel

UNV



#### Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China (Zhejiang) Pilot Free Trade Zone, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

http://www.uniview.com

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