

AD-NVR724-256/724D-256/724R-256/724DR-256

256 Channel Super Network Video Recorder(LCD/Redundant power optional)



Features

- Max 256channel IP cameras connection
- Max 512Mbps incoming bandwidth
- Up to 128ch@1080P, 256ch@720P real-time recording
- 2 HDMI / 1 HDMI +1 VGA (Optional: 1 VGA+10 HDMI)
- Support 24 hot-swap HDDs
- Support RAID0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI & Mini SAS to expand storage space
- Compatible with ADtronics SDK and seamlessly integrated to other platforms
- Support Multi-brand network cameras: Arecont Vision, AXIS, Bosch, Dahua, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- Redundant power supply module adopted (AD-NVR724R-256 & AD-NVR724DR-256)
- Front LCD display (AD-NVR724D-256 & AD-NVR724DR-256)
- Support for ANR functions (resuming backup recordings on SD card)
- Connection to Smart IP cameras with integrated VCA video analysis

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Technical Specifications

Model	AD-NVR724-256	AD-NVR724 D-256	AD-NVR724 R-256	AD-NVR724DR-256
System				
Main Processor	Intel® Core™ i7 Processors			
Operating System	LINUX			
Motherboard	Embedded Board (Support 7x24 operation)			
Memory	8GB DDR3(up to 16GB)			
Case	Hot-dipped galvanized sheet steel(1.2mm thickened), High-precise aluminum alloy slide, Patented pull-out rack design			
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation			
Interface	Local GUI &WEB GUI			
Video & Audio				
Input	128ch@1080P/256ch@720P			
Transmission	128ch@1080P/256ch@720P			
Recording	128ch@1080P/256ch@720P			
Preview	20ch@1080P/40ch@720P/68ch@D1(Screen 1~2 , default) +16ch@1080P/16ch@720P/16ch@D1(Screen 3~6) (Optional)			
Playback	16ch@1080P/16ch@720P/16ch@D1 (128Mbps in Raid 5 mode) 8ch@1080P/16ch@720P/16ch@D1 (64Mbps in single HDD mode)			
Recording Resolution	8Mp, 5Mp, 3Mp, 1080P, 720P, 960H, D1, CIF, QCIF, VGA			
Audio	1ch Micin, 1ch Micout			
Recording				
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop			
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm			
Backup Mode	Network download / USB HDD/USB CD&DVD-RW / eSATA Device			
Display				
Interface	2 HDMI +1 VGA (Optional : 10 HDMI, 1 VGA)			
Video Output	2 HDMI/1 HDMI+1 VGA (Optional: 1 VGA+10 HDMI)			

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Multi-screen Display	The 1st screen: 1/4/8/9/16/25/36/64 The 2nd-6th screens: 4 (optional)	
Privacy Masking	4 customized zones for privacy masking for each area	
Storage		
Internal HDD	24 SATA ports, up to 96TB	
HDD Mode	Single, Raid 0/1/5/6/10/50/60 (Support global HDD Hot-standby)	
HDD Installation	Independent HDD rack, support hot swap	
Network		
Interface	4 RJ-45 ports(10/100/1000Mbps)	
Ethernet Port	4 Ethernet ports joint working or 4 independent 1000Mbps Ethernet ports	
MD & Alarm		
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)	
Alarm Input	4ch, low level effective, green terminal interface	
Relay Output	4ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface	
Auxiliary Interface		
Front cover	Support hot swap, 7" inch HD LCD (1920x1080/1280x1024/1024x768) (Model -D&DR)	
USB	4 USB ports(2 USB2.0 on front-panel, 2 USB3.0 on rear panel)	
eSATA	1 eSATAport	
SAS	2 Mini SASports	
General		
Power Supply	AC100V~240V, 47~63Hz	AC100V~240V,47~63Hz, Redundant
Power Consumption	200W~400W(WithHDD)	
Working Environment	0°C~40°C	
Working Humidity	10%~80% (non-condensation)	
Dimension(W×D×H)	4U, 480mm×494mm×175mm	
Weight	29kg (without HDD)	
Installation	Rack-mounted	

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System Connection

