

## Network Video Recorder

### NVR502-B-P Series

UNV



#### **Key Features**

- Support Ultra 265/H.265/H.264 video formats
- 8/16/32-channel input
- Plug & Play with 8/16 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
- 2 SATA HDD, up to 10TB for each HDD
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

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## Specifications

Model	NVR502-08B-P8	NVR502-16B-P16	NVR502-32B-P16	
Video/Audio Input				
IP Video Input	8-ch	16-ch	32-ch	
Audio Input	1-ch, RCA			
Network				
Incoming bandwidth	320Mbps			
Outgoing bandwidth	160Mbps			
Remote Users	128			
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPV6			
Browser	IE(IE10/11) for Windows			
	Firefox (version 52.0 and above) for Windows			
	Chrome(version 45 and above) for Windows			
	Edge(version 79 and above) for Windows			
Video/Audio Output	Γ			
HDMI/VGA Output	HDMI: 4K (3840x2160)@30, 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60, 1280x720@60, 1024x768@60 VGA: 1920x1080p@60, 1920x1080p@50, 1280x1024@60, 1600x1200@60, 1280x720@60, 1024x768@60			
Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF			
Audio Output	1-ch, RCA			
Two-way Audio	1-ch, RCA(Using the audio input and output)			
Audio Compression	G.711A, G.711U			
Synchronous Playback	8-ch	16-ch	16-ch	
Liveview display	1/4/6/8/9	1/4/6/8/9/16	1/4/6/8/9/16/25/32	
Corridor Mode Screen	3/4/5/7/9	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32	
Snapshot				
FTP/Schedule/Event Snapshot	4-ch snapshot, up to D1 resolution			
Decoding				
Decoding format	Ultra 265/H.265/H.264			
Live view/Playback	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF			
Capability	Ultra 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25 H.264: 2 x 16MP(4800 x 2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080P@30, 30 x 720P@30, 32 x D1			
Hard Disk				

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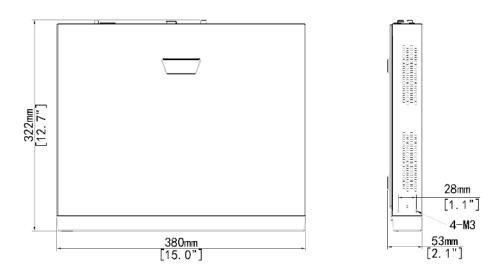
## DATASHEET

SATA	2 SATA interfaces			
Capacity	Up to 10TB for each disk			
Smart	I			
VCA Detection by Camera	Vehicle Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), UMD(Ultra Motion Detection), Video Metadata, Traffic Monitoring			
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report			
People Counting	People Flow Counting, Crowd Density Monitoring			
Smart Intrusion Prevention (SIP), Vehicle Detection, UMD, Video Metadata, Traffic Monitoring by Camera	Total 8-ch			
General Alarm				
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion, 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			
External Interface				
Network Interface	1 RJ-45 10M/1000M self-adaptive Ethernet Interface			
USB Interface	Front: 1 x USB2.0, Rear panel: 1 x USB3.0			
RS232	NA			
RS485	1			
Alarm In	8-ch			
Alarm Out	2-ch			
PoE				
Interface	8 RJ-45 10M/100M self-adaptive Ethernet Interface	16 RJ-45 10M/100M self-adaptive Ethernet Inter	face	
Max Power	Max 30W for single port	Max 30W for single port		
	Max 130W in total	Max 240W in total		
Supported Standard	IEEE 802.3af/at			
General				
Power Supply	100~240V AC Power Consumption: ≤ 20W (without HDD)			
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)			
Dimensions (W×D×H)	380mm × 322mm × 53mm (15.0"×12.7"×2.1")			
Weight (without HDD)	≤ 2.6Kg (5.73lb)			
Certification	·			
Certification	CE, FCC, UL, RoHS, WEEE			
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035			
L				



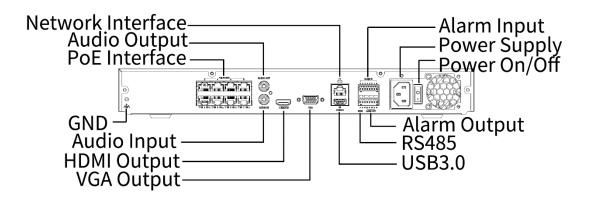
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### Dimensions



### **Rear Panel**

Take NVR502-08B-P8 for example.



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\* Product specifications and availability are subject to change without notice.