

Network Video Recorder

NVR302-E2 Series



Key Features

- Support Ultra H.265/H.265/H.264 video formats
- 9/16/32-channel input
- Supports 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
- HDMI and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- 2 SATA HDDs, Up to 8TB for each HDD
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade



Specifications

Pideo Input	Model	NVR302-09E2		NVR302-16E2	NVR302-32E2	
Two-way Audio Input 1-ch, RCA Network National State of State Users Outgoing Bandwidth 320Mbps Outgoing Bandwidth 180Mbps 320Mbps Remote Users 128 FORTON TO JUNE OF THE PROOF	Video/Audio Input					
Incoming Bandwidth 320Mbps 32	IP Video Input	9-ch		16-ch	32-ch	
Material Resolution 180Mbps 320Mbps 32	Two-way Audio Input	1-ch, RCA				
Outgoing Bandwidth 180Mbps 320Mbps Remote Users 128 Protocols TCP/IP, P2P, UPnP, NTP, DHCP, PPP□E, HTTP, HTTPS,DNS,DDNS,SNMP,SMTP,NFS Browser IE(IEI/11) for Windows Firefox (version 52.0 and above) for Windows Edge(version 79 and above) for Windows Video/Audio Output VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/50Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/50Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz Recording Resolution 12MP/SMP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF Audio Compression 6.711A, 6.711U Synchronous Playback 16-ch Live View Display 1/4/6/8/9 1/4/6/8/916 1/4/6/8/9/16/25/36 Corridor Mode Screen 3/4/57/9 3/4/57/9/10/12/16 3/4/57/9/10/12/16/32 Snapshot 16-ch snapshot, up to 1080P resolution Decoding 16-ch snapshot, up to 1080P resolution Capability 12MP/SMP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF Capability 11 12MP@30, 2 x 4K@30, 5 x 4MP@30, 9 x 1080P@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 1x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 9 x 1080P@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16	Network					
Remote Users 128	Incoming Bandwidth	320Mbps				
Protocols TCP/IP, P2P, UPnP, NTP, DHCP, PPPE, HTTP, HTTPS, DNS, DNS, SNMP, SMTP, NFS 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	Outgoing Bandwidth	180Mbps 320Mbps				
IE(E10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows Edge(version 79 and above) for Windows Video/Audio Output	Remote Users	128				
Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows Edge(version 79 and above) for Windows VGA:	Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS,DNS,DDNS,SNMP,SMTP,NFS				
Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows Edge(version 79 and above) for Windows Video/Audio Output VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/50Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/360p/720p/D1/2CIF/CIF Audio Output		IE(IE10/11) for Windows				
Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows Edge(version 79 and above) for Windows Video/Audio Output	Browser	Firefox (version 52.0 and above) for Windows				
Video/Audio Output		Chrome(version 45 and above) for Windows				
VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz 1024x768/60Hz 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF		Edge(version 79 and above) for Windows				
HDMI/VGA Output	Video/Audio Output					
Recording Resolution 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	HDMI/VGA Output	1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz,				
Audio Output 1-ch, RCA Audio Compression G.711A, G.711U Synchronous Playback 16-ch Live View Display 1/4/6/8/9 1/4/6/8/9 1/4/6/8/9/16 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10	Recording Resolution	·				
Audio Compression Synchronous Playback 16-ch Live View Display 1/4/6/8/9 1/4/6/8/9 1/4/6/8/9 1/4/6/8/9 1/4/6/8/9 1/4/6/8/9 1/4/6/8/9/16 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/9/10 1/4/6/8/910 1/4/6/8/910 1/4/6/8/9/						
Live View Display 1/4/6/8/9 1/4/6/8/9/16 1/4/6/8/9/16/25/36 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 5napshot, up to 1080P resolution Decoding Format Ultra 265, H.264 Live View/Playback 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF Capability 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 9 x 1080P@30 Hard Disk SATA 2 SATA interfaces Capacity Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature) EVALUATE 1/4/6/8/9/16/25/36 3/4/5/7/9/10/12/16 3/4/5/10/10/12/16 3/4/5/10/10/10/10/10/10/10/10/10/10/10/10/10/						
Live View Display 1/4/6/8/9 1/4/6/8/9/16 1/4/6/8/9/16/25/36 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, up to 1080P resolution Decoding Decoding Format Ultra 265, H.264 Live View/Playback 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF Capability 1x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 9 x 1080P@30 Hard Disk SATA 2 SATA interfaces Capacity Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature) EVALUATE 1/4/6/8/9/16/25/36 3/4/5/7/9/10/12/16 16-ch snapshot, up to 1080P/900/720p/D1/2CIF/CIF 1x 12MP@30, 2x 4K@30, 5x 4K@30,	Synchronous Playback	16-ch				
FTP/Schedule/Event Snapshot 16-ch snapshot, up to 1080P resolution Decoding Decoding Format Ultra 265, H.265, H.264 Live View/Playback 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF Capability 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 9 x 1080P@30 Hard Disk SATA 2 SATA interfaces Capacity Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature) eSATA NA Disk Group Support	Live View Display	1/4/6/8/9	1/4/6/8/9/16		1/4/6/8/9/16/25/36	
Tender T	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	
16-ch snapshot, up to 1080P resolution						
Decoding Format Ultra 265, H.265, H.264 Live View/Playback 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF Capability 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 10 x 1080P@30, 16 x 720P@30 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30, 32 x D1 Hard Disk SATA 2 SATA interfaces Capacity Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature) eSATA NA Disk Group Support		16-ch snapshot, up to 1080P resolution				
Live View/Playback 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF Capability 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30, 10 x 1080P@30, 22 x 720P@30, 32 x D1 Hard Disk SATA 2 SATA interfaces Capacity Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature) eSATA NA Disk Group Support	Decoding					
Capability 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 10 x 1080P@30, 10 x 1080P@30, 22 x 720P@30 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 10 x 1080P@30, 22 x 720P@30, 32 x D1 Hard Disk SATA 2 SATA interfaces Capacity (The maximum HDD capacity varies with environment temperature) eSATA NA Disk Group Support	Decoding Format	Ultra 265, H.265, H.264				
Capability I X 12MP@30, 2 X 4K@30, 5 X 4MP@30, 10 X 1080P@30, 16 X 720P@30 Hard Disk SATA 2 SATA interfaces Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature) eSATA NA Disk Group Support HMP@30, 10 X 1080P@30, 16 X 720P@30, 32 X D1 4MP@30, 10 X 1080P@30, 10 X 1080P@30, 22 X 720P@30, 32 X D1	Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF				
SATA 2 SATA interfaces Capacity Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature) eSATA NA Disk Group Support	Capability			4MP@30, 10 x 1080P@30, 16 x	4MP@30, 10 x 1080P@30, 22 x	
Capacity Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature) eSATA NA Disk Group Support	Hard Disk					
Capacity (The maximum HDD capacity varies with environment temperature) eSATA NA Disk Group Support	SATA	2 SATA interfaces				
eSATA NA Disk Group Support	Capacity					
	eSATA	NA				
		Support				
Smart						

DATASHEET Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change VCA Detection by Camera Detection, Object Left Behind, Object Removed, Auto Tracking Behavior Search, Vehicle Search VCA Search People Flow Counting, Crowd Density Monitoring **People Counting Smart Intrusion Prevention** (SIP), Vehicle Detection by Total 8-ch Camera General Alarm General Alarm Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, Audio Detection IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Alert Alarm Disk Full, Recording/Snapshot Abnormal **External Interface Network Interface** 2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces **USB** Interface Front panel: 1 x USB2.0,Rear panel: 1 x USB2.0 1 x USB3.0 RS232 NA RS485 1 Alarm In 8-ch Alarm Out 2-ch General 12VDC/3.3A **Power Supply** Power Consumption: ≤ 12 W (without HDD) **Working Environment** -10°C~+ 55°C (+14°F~+131°F), Humidity \leq 90% RH (non-condensing)

EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017

380mm × 315mm × 53mm (15.0" × 12.4"× 2.1")

≤1.8Kg (3.97lb)

CE, FCC, UL, RoHS, WEEE

Part15 Subpart B, ANSI C63.4

Dimensions (W×D×H)

Weight (without HDD)

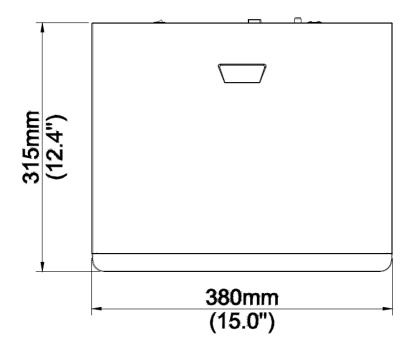
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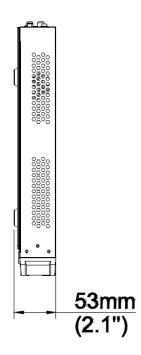
CE

FCC

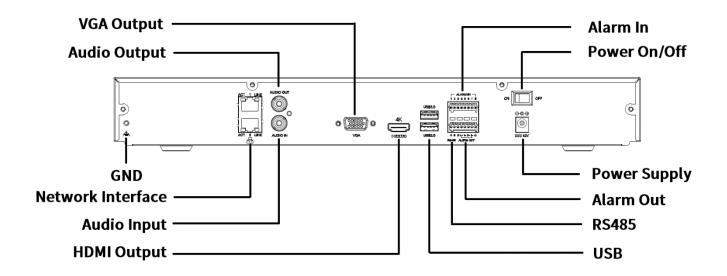


Dimensions





Rear Panel



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