Key features
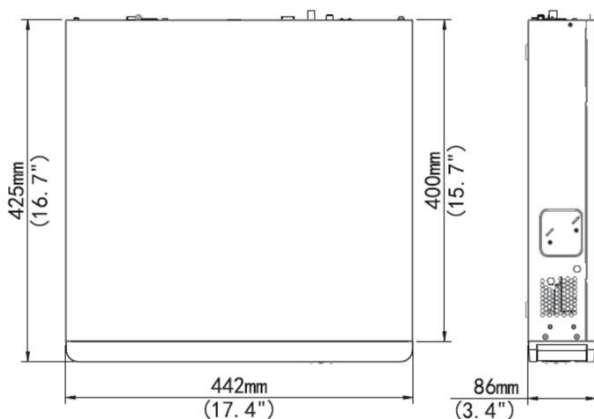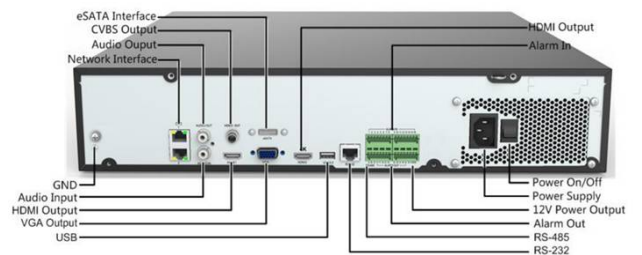
16/32/64-channel input

Embedded LINUX operating system

Third-party IP cameras supported with ONVIF conformance

Support 2-ch HDMI, 1-ch VGA, 1-ch CVBS, HDMI2 at up to 4K(3840x2160) resolution

Up to 12 Megapixels resolution recording

Support H.265/H.264 video formats

Accurate retrieval, instant playback

Support RAID 0, 1, 5, 6, 10

8 SATA HDDs, Up to 8TB for each HDD

Support various VCA detection alarm and VCA search

Support N+1 Hot spare

Support for 12V Power output

Support for P2P, UPnP, NTP, DHCP, PPPoE

Support for mobile client access

Dimensions

Rear Panel

Model	DN7116E	DN7132E	DN7164E
Video/Audio Input			
IP Video Input	16-ch	32-ch	64-ch
Two-way Audio Input	1-ch, RCA		
Network			
Incoming Bandwidth	160Mbps	320Mbps	
Outgoing Bandwidth	320Mbps		
Event Notification	HTTP / FTP / SMTP		
Remote Users	128		
Password Levels	User and Administrator		
Video/Audio Output			
HDMI/VGA Output	HDMI1/VGA:		
	1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz		
	HDMI2:		
	4K (3840x2160) /60Hz, 4K (3840x2160) /30Hz, 1920x1080p /60Hz, 1920x1080p /50Hz, 1600x1200 /60Hz, 1280x1024 /60Hz, 1280x720 /60Hz, 1024x768 /60Hz		
CVBS Output	1-ch, BNC		
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF		
Audio Output	1-ch, RCA		
Synchronous Playback	16-ch		
Decoding			
Compression	H.265/H.264		
Live view/ Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF		
Capability	3 x 12MP@25, 4 x 4K@30, 8 x 4MP@30, 16 x 1080P@30, 32 x 960P@25, 36 x 720P@30, 64 x D1		
Privacy Mask	On / Of		
Hard Disk			
SATA	8 SATA interfaces		
Capacity	up to 8TB for each HDDs		
eSATA	1 eSATA interface		
Disk Array			
Array Type	RAID 0, 1, 5, 6, 10		
External Interface			
Network Interface	2 RJ-45 10M/100M/1000M self-adaptive Ethernet Interfaces		
Serial Interface	1 x RS232, 1 x RS485		
USB Interface	Front panel: 2 x USB2.0,Rear panel: 1 x USB3.0		
Alarm In	16-ch		
Alarm Out	4-ch		
General			
Power Supply	100 ~ 240 VAC		
Consumption (without HDD)	≤ 20 W		
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)		
Working Humidity	10% ~ 90%		
Dimensions	86mm × 442mm ×425mm (3.4" × 17.4" × 16.7")		
Weight (without HDD)	≤ 5.13 Kg (11.31 lb)		

Client Software

Devices Supported	Max. 256 local channels and 128 cloud channels
	Max. 256 local encoding devices and 128 cloud devices
	Max. 32 decoding devices
	Max. 8 Recorder storage servers
	Max. 4 Streamer stream servers
Features	Auto device discovery, and adding, configuring, time adjusting in batch

Live Monitoring

Screen Layout	1/ 4/ 5 /6 /8 /9 /10 /13 /16 /17 /25 /32 /36 split screen(s) with up to 1 sub screen
PTZ Control	Pan, Tilt, Zoom, Preset, Patrol, 3D positioning, IR control, wiper control, heat control, snow removing
Features	Sequence display, snapshot, local record, audio, two-way talk, and instant playback

Playback

Video Source	Recording video from DVR/NVR
Max Channels	16 (Async)/16 (Sync)
Search Type	Time/event/calendar
Export File	.ts, .mp4
Features	Recording schedule and download, snapshot, -16x~16x speed for forward and backward, audio, digital zoom

Alarm

Type	Service alarms and device alarms
Alarm Triggering	Live view, recording, email, preset, alarm output and etc.
Features	Alarm schedule, actions setup, alarm memo, alarm info popup

E-Map

Format	PNG/JPEG/BMP
Map Alarm	Alarm flash, search and acknowledge
Features	Hot spot, hot region, map zoom in/out, map group, eagle eye

Hardware Requirements

Operating System	Microsoft Windows7/Windows8 (32-bit or 64-bit)
CPU	Intel Pentium IV 3.0 GHZ or higher (4Cores,3.0GHZ are recommended)
Memory	1GB or higher
Network Card	Gigabit Ethernet network card (or higher) are recommended
Display Resolution	1024*768 or higher
HDD	1TB or higher