NVR6000D

128 Channel Super Network Video Recorder

Features

• Max 128 channel IP cameras input with 1080P realtime live view

• Max 384Mbps incoming bandwidth

• Up to 64ch@1080P, 128ch@720P, 128ch@D1 realtime recording

• Up to 6-screen output: 6 HDMI sync output/1 VGA+5 HDMI sync output (Default: 2 HDMI or 1 HDMI +1 VGA)

• Support 16 hot-swap SATA HDDs to better its scalability and flexibility

• Support RAID 0/1/5/6/10/50/60

• Human-oriented UI

• Compatible with Dahua SDK and seamless integrated to other platforms

• Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.

• ONVIF Version 2.2 conformance

• Redundant power supply module adopted

• Front LCD display
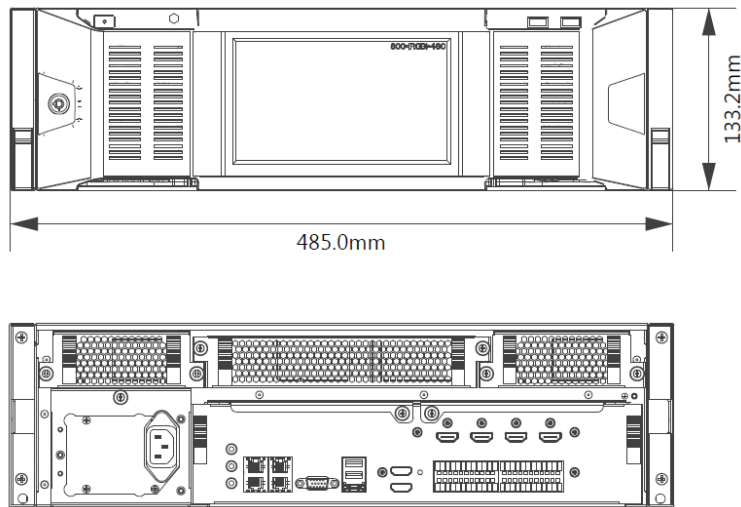
NVR6000D

Technical Specifications

Model	NVR6000D	
System		
Main Processor	Intel® Core™ i5 Processors	
Operating System	Embedded LINUX	
Motherboard	Embedded Board (Support 7x24 operation)	
Memory	4GB DDR3 (up to 8GB)	
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	64ch@1080P/128ch@720P/128ch@D1	
Transmission	64ch@1080P/128ch@720P/128ch@D1	
Recording	64ch@1080P/128ch@720P/128ch@D1	
Preview	8ch@1080P/16ch@720P/32ch@D1(Screen 1~2) +16ch@1080P/16ch@720P/16ch@D1(Screen 3~6) (Optional)	
Playback	5ch@1080P/10ch@720P/20ch@D1(Screen 1)	
Recording Resolution	8Mp, 5Mp, 3Mp, 1080P, 720P, 960H, D1, CIF, QCIF, VGA	
Audio	1ch Mic in, 1/1ch audio in/out	
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	6 HDMI, 1 VGA (Default: 2 HDMI, 1 VGA)	
Video Output	6 HDMI, or 1ch VGA(or built-in LCD) & 5ch HDMI sync video output (Default: 2 HDMI, or 1 VGA(or built-in LCD) & 1ch HDMI sync video output)	
Multi-screen Display	The 1st screen: 1/4/6/8/9/16/25/36/64 The 2nd-6th screens: 4	
Privacy Masking	Four customized zones for privacy masking for each area	
Storage		
Internal HDD	16 SATA ports, up to 64TB	
HDD Mode	Single, Raid 0, Raid 1, Raid 5, Raid 6, Raid 10, Raid 50, Raid 60 (Support global HDD Hot-standby)	

NVR6000D

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	16ch, low level effective, green terminal interface
Relay Output	8ch, 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 on the front-panel, 2 on the rear panel), USB2.0
eSATA	1 eSATA port
RS485	1 port, for PTZ control
General	
Power Supply	AC 100V~240V, 47~63Hz
Power Consumption	60W (Without HDD)
Working Environment	-10℃~55℃
Working Humidity	10%~80% (non-condensation)
Dimension (W×D×H)	3U, 485mm×448mm×133.2mm
Weight	20kg (without HDD)
Installation	Rack-mounted

Dimensions

NVR6000D as an example

* Design and specifications are subject to change without notice.