

Network Video Recorder

NVR128/256-ENT



Features

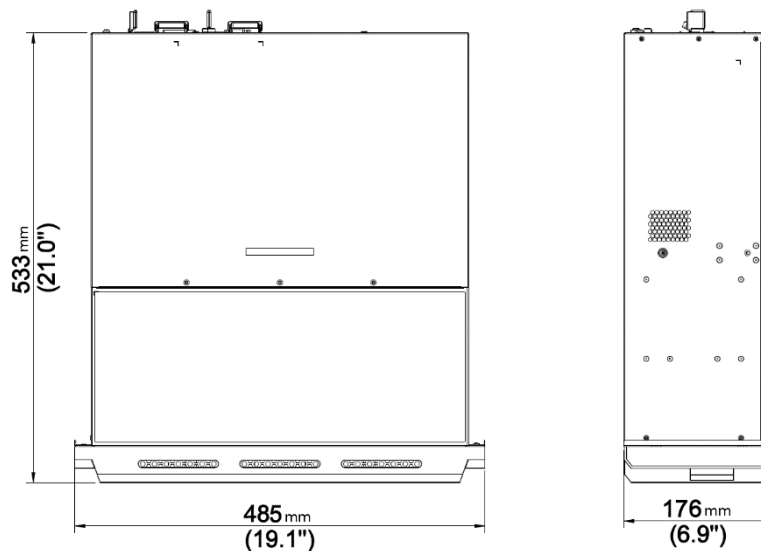
- Supports Ultra 265/H.265/H.264 video formats
- 128/256-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile C, Profile Q, Profile A, Profile T
- Supports 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Redundant power supply optional
- Supports HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- Supports 2 miniSAS Interfaces
- Supports 12V power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Supports cloud upgrade
- Supports N+1 Hot spare

Specifications

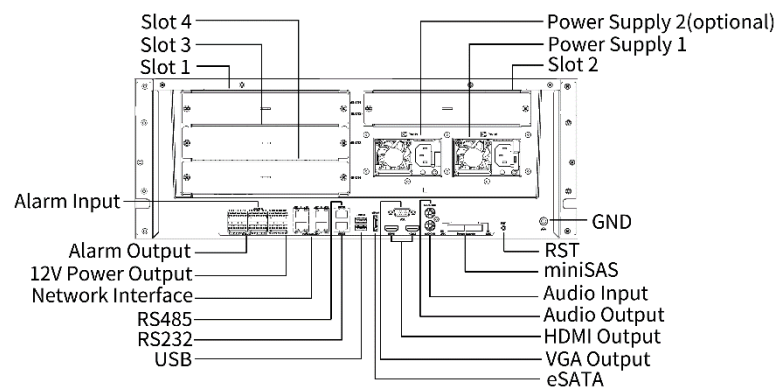
Decoding	Description
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	3 x 12MP@30, 5 x 4K@30, 20 x 1080P@30, 24 x 1080P@25, 40 x 960P@25, 45 x 720P@30, 54 x 720P@25, 96 x D1
Audio Compression	G.711A, G.711U
Network	Description
Incoming Bandwidth	768Mbps
Outgoing Bandwidth	768Mbps
Remote Users	128
Protocols	TCP/IP;P2P;UPnP;NTP;DHCP;PPPoE;HTTP;HTTPS;DNS;DDNS;SNMP;SMTP;NFS;RTSP;802.1x;IPV6
Browser(Plugin)	Windows:IE(IE10/11), Firefox (version 52.0 and above), Chrome(version 45 and above), Edge(version 79 and above)
Video/Audio Input	Description
IP Video Input	NVR128-ENT:128-ch NVR256-ENT:256-ch
RCA Audio Input	1-ch
Video/Audio Output	Description
HDMI Output	HDMI1/HDMI2:4K(3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	1-ch
Liveview Display	VGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
Two-way Audio	Description
Two-way Audio	1-ch, RCA(Using the audio input and output)
Snapshot	Description
FTP/Schedule/Event Snapshot	128-ch snapshot, up to 4K resolution
Recording	Description
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	16-ch
Smart	Description
VCA Detection by IPC	Face Detection;Vehicle Detection;SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area);Ultra Motion Detection(UMD);Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection);People Counting(People Flow Counting, Crowd Density Monitoring);Video Metadata;Traffic Monitoring
Smart by NVR	In the Smart Card datasheet
VCA Search	Motor Vehicle Search;Non-Motor Vehicle Search;Human Body Search;General Search;People Counting Report
Smart by IPC	All channels (up to 64 images/s in total)Face Detection, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total

SIP by NVR	In the Smart Card datasheet
Capacity of Snapshot Records	5 millions records for face snapshot; 5 millions records for vehicle snapshot; 2 millions records for SIP
Alarm	Description
General Alarm	Defocus Detection; Scene Change Detection; Object Left Behind; Object Removed; Auto Tracking; Motion Detection; 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; High CPU Temperature; High Motherboard Temperature; Array Damaged; Array Degraded
Hard Disk	Description
SATA	24 SATA interfaces
Capacity	Up to 16TB for each HDD (The maximum HDD capacity varies with environment temperature)
Disk Array Type	RAID 0, 1, 5, 6, 10, 50, 60
Hot Swap	Support
External Interface	Description
Network Interface	4 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB	Front panel: 2 x USB2.0; Rear panel: 2 x USB3.0
RS485	1
RS232	1
Alarm In	24-ch
Alarm Out	8-ch
eSATA	1
miniSAS	2
Extension board	4
Power Output	12V
Power Supply	AC 100 ~ 240 V
Power Switch	Support
Redundant Power Supply	Support
Working Environment	Description
Working Temperature	-10 ° C ~ 50 ° C (14 ° F ~ 122 ° F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 70W
Dimensions	Description
Weight (without HDD)	≤ 12.5Kg (27.56lb)
Dimensions	484.6mm × 533mm × 175.5mm (19.1"×21.0"×6.9")
Certification	Description
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	Part15 Subpart B

Dimensions



Rear Panel



The United States government passed the John S. McCain National Defense Authorization Act for the 2019 fiscal year on August 13, 2018 (NDAA 2019). This act specifies the budget, expenditures and policies of the United States Department of Defense. This act prohibits the purchase and use of specific electronic security products manufactured and supplied by specific companies based in China.

We are aware of the NDAA and abide by the stipulations set forth in this NDAA regulation. Illumivue is always committed to not only providing products of the highest standards, but also making sure the products are compliant with project requirements contractually binding.

Our goal is to continue to provide only the best equipment we can. Safety and security is our top priority and we are doing everything necessary to ensure that we maintain our status as a trusted brand. We persistently pay close attention to product quality and compliance, and we sincerely appreciate all partners' support and patience.

Warranty

All Illumivue products come with a 3-year limited liability warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified, or disassembled. Warranty items only by authorized resellers. Warranty not eligible for products purchased through non-authorized online sellers.

A product that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the date of reshipment to the buyer. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number. The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed. Proof of sale may be required in order to claim warranty.