U·LINK



UL-NVR516-128E-IP

128CH up to 32MP with 16SATA Interface NVR

POWERING THE FUTURE



Features

- Support Ultra 265/H.265/H.264 video formats.
- 128/64- channel input.
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols.
- Support 2- ch HDMI, 2- ch VGA, HDMI1 at up to 8K(7680x4320) resolution, HDMI2 at up to 4K resolution.
- VGA1 & HDMI1 simultaneous output, VGA2 & HDMI2 simultaneous output. VGA1/HDMI1 & VGA2/HDMI2
- independent output.
- Up to 32 Megapixels resolution recording.
- Redundant power supply optional.
- Support HDD hot swap with RAID 60 ,50 ,10 ,6 ,5 ,1 ,0 storage scheme configurable.
- Support 12V power output.
- ANR technology to enhance the storage reliability when the network is disconnected.
- Support cloud upgrade.
- Support N+1 Hot spare.

Specification

Decoding

Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x1080P@30, 54 x 960P@30, 72 x 720P@30, 128 x D1
Audio Compression	G.71 1A, G.71 1U

Network

Incoming Bandwidth	640Mbps
Outgoing Bandwidth	640Mbps
Remote Users	128
Protocols	TCP/IP; P2P; UPnP; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; NFS; RTSP; 802.1x; IPv6; IPv4
Browser(Plugin)	Windows: IE (IE10/ 1 1), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)

Video/Audio Input

IP Video Input	128CH
RCA Audio Input	1CH

Video/Audio Output

HDMI Output	HDMI1: 8K(7680x4320)/30Hz, 4K(3840x2160)/60Hz, 1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz; HDMI2: 4K(3840x2160)/60Hz, 1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60Hz,1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	2CH
Liveview Display	1/4/6/8/9/16/25/36/64
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
Two-way Audio	1CH, RCA (Using the audio input and output)

Snapshot

FTP/Schedule/Event Snapshot	16CH snapshot, up to 1080P resolution

Recording

Recording Resolution	32MP/16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	16CH

Network

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Video/Audio Input

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Smart

VCA Detection by IPC	Face Detection; 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
VCA Search	Motor Vehicle Search; Non- Motor Vehicle Search; Human Body Search; General Search; People Counting Report; Heat Map
Smart by IPC	All channels (up to 32 images/s in total)Face Detection, face detection, Vehicle Detection, Temperature Detection, SIP , UMD, Video Metadata, Traffic Monitoring

GUI Language

GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian

Hard Disk

SATA	16 SATA Interfaces
Capacity	Up to 16TB for each HDD (The maximum HDD capacity varies with environment temperature)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0, 1, 5, 6, 10, 50, 60
Hot Swap	Support

External Interface

Network Interface	2 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	16CH
Alarm Out	10CH
eSATA	1
Power Output	12V
Power Supply	AC 100～ 240 V
Power Switch	Support
Redundant Power Supply	Support

Alarm

Alert Alarm	IP Conflict; Network Disconnected; Disk Offline; Disk Abnormal; Illegal Access; Hard Disk Space Low; Hard Disk Full; Recording/Snapshot Abnormal

Working Environment

Working Temperature	-10°C ~ 55 °C (14 °F ~ 131 °F)
Working Humidity	≤ 90% RH (non- condensing)
Power Consumption (without HDD)	≤ 50W

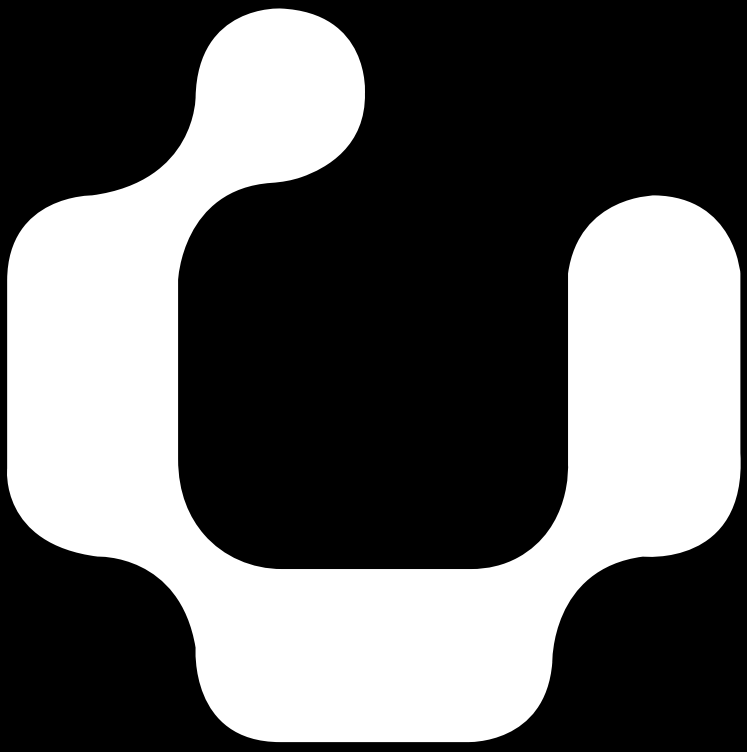
Dimensions

Weight (without HDD)	≤ 6.5Kg (14.3lb)
Height	3U
Dimensions	482mm×533mm×131mm (19.0"×21.0"×5.1")

Certification

Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000- 3- 3, EN IEC 61000- 3- 2, EN 55035
FCC	Part15 Subpart B





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