U·LINK



UL-16NVR4K412-IP

16CH 4K/12MP with 4SATA Interface NVR

POWERING THE FUTURE



Features

- Support Ultra265/H.265/H.264 Video Formats.
- 16CH Input.
- Supports Mainstream Cameras Of ONVIF Conformance (Profile S, Profile G, Profile T) & RTSP Protocols.
- Support 2CH HDMI, 1CH VGA, HDMI1 & HDMI2 Up To 4K (3840x2160P) Resolution.
- HDMI1, HDMI2, VGA Independent Outputs Provided.
- Up To 12 MP Resolution Recording.
- Support RAID 1, 5.
- 4SATA HDDs, Up To 10TB For Each HDD.
- Various Fisheye Dewarping Modes For Live View & Playback For Both Web Interface & GUI.
- AN Technology To Enhance The Storage Reliability When The Network Is Disconnected.
- Support Cloud Upgrade.

Specification

Video/Audio Input

IP Video Input	16CH
Two-Way Audio Input	1CH, RCA

Network

Incoming Bandwidth	384Mbps
Outgoing Bandwidth	384Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPOE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS
Browser	IE (IE10/11) For Windows Firefox (Version 52.0 & Above) For Windows Chrome (Version 45 & Above) For Windows Edge (Version 79 & Above) For Windows

Video/Audio Output

HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI1/HDMI2(HDMI Audio Output Is Not Supported), 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz,1280x1024/60Hz, 1280×720/60Hz, 1024×768/60Hz
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1CH, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	16CH
Live View Display	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9/10/12/16

Snapshot

FTP/Schedule/Event Snapshot	16CH Snapshot, Up To 4K 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	2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080p@30

Hard Disk

SATA	4SATA Interfaces
Capability	Up To 10TB For Each HDD
eSATA	1eSATA Interface
Disk Group	Support

Disk Array

Array Type	RAID 1, 5

Smart

VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left Behind, Object Removed, Vehicle Control
VCA Search	Behavior Search, Vehicle Search
People Counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP) by Camera	16CH

Alarm

General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk O line , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal

External Interface

Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB Interface	Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0
RS232	1
RS485	1
Alarm In	16CH
Alarm Out	4CH

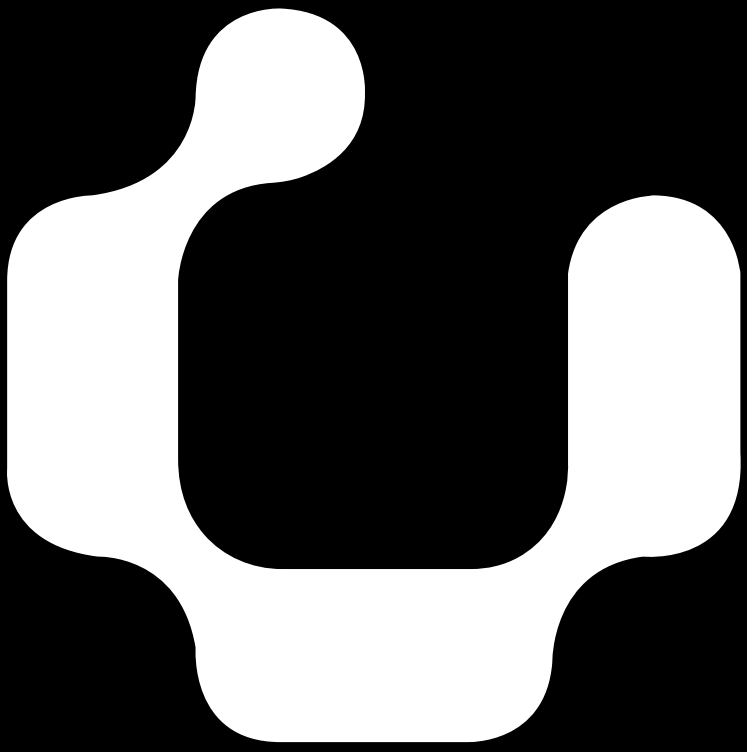
General

Power Supply	100~240 VAC Power Consumption: ≤ 25W (Without HDD)
Working Environment	-10°C ~ +55°C(+14°F ~ +131°F), Humidity ≤ 90%RH (Non-Condensing)
Dimensions WxDxH	442×426x89mm (17.4"x16.8"x3.5")
Weight	≤ 5.7Kg (12.57lb) (Without HDD)

Certification

Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035:2017
FCC	Part15 Subpart B, ANSI C63.4





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