

NVR-ELE16C-4K

16 Channel 4K NVR

- H.265/H.264/MJPEG codec decoding
- Up to 8MP resolution preview & playback
- 1 HDMI, 1 VGA simultaneous video output
- Support 4 SATA HDDs up to 24TB



Recording Speed:	8MP / 6MP / 5MP / 3MP / 1080P / 1.3MP / 720P Max 200Mbps
------------------	--

Resolution:	8MP / 6MP / 5MP / 3MP / 1080P / 1.3MP / 720P
-------------	--

Drive Capacity:	4 SATA
-----------------	--------

Video Inputs:	16
---------------	----

Ethernet Ports:	2
-----------------	---

Video Outputs:	1 HDMI , 1 VGA
----------------	----------------

Audio Inputs:	1
---------------	---

Audio Outputs:	1
----------------	---

Alarm Inputs:	16
---------------	----

Alarm Outputs:	4
----------------	---

Internal DVD Burner Support:	No
------------------------------	----

Smart Phone Access/Push Notification	Yes
--------------------------------------	-----

Motion Activated Recording:	Yes
-----------------------------	-----

PTZ Control:	Yes
--------------	-----

Simultaneous Remote Users:	128
----------------------------	-----

Technical Specification

System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering
Alarm input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	4 Channel, NO/NC Programmable, Green Terminal Interface

Playback and Backup

Playback	1/4/8/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Storage

Internal HDD	4 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A

Auxiliary Interface

USB	2 USB Ports (1 USB2.0, 1 USB3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control

Third-party Support

Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more
---------------------	--

Audio and Video

IP Camera Input	16 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Recording

Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Network

Interface	2 RJ-45 Ports(10/100/1000Mbps)
Ethernet Port	2 Ethernet Ports Joint Working or 2 Independent 1000Mbps Ethernet Ports
PoE	N/A
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DNS, IP Filter, PPPoE,DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

Electrical

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<11.7W (Without HDD)

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

Construction

Dimensions	1.5U, 440mm×411.1mm×76mm (17.3" x 16.2" x 3.0")
Net Weight	4.5kg (9.9 lb) (without HDD)
Gross Weight	7kg(15.4 lb)(without HDD)

Certifications

CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL60950-1+CAN/CSA C22.2 No.60950-1

Dimensions (mm)

