

## COMUNE DI SAN PONSO

Città Metropolitana di Torino

Piazza Martiri della Libertà, 1 – 10080 SAN PONSO

☎ 0124/36522 - Fax 0124/360535 - C. F. 83501390013 - P. IVA 03853800013

e-mail: san.ponso@ruparpiemonte.it - Sito internet: www.comune.sanponso.to.it Posta elettronica certificata: san.ponso@cert.ruparpiemonte.it

## REGOLAMENTO PER LA

## DISCIPLINA ED UTILIZZO DEGLI

**IMPIANTI DI** 

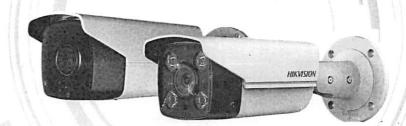
VIDEOSORVEGLIANZA:

Allegato **B** 

HIKVISION

# DS-2CD4A26FWD-(IZ)(IZS)(IZHS)(LZS)/P 2 MP ANPR Ultra-Low Light Bullet Camera







# smart iPC

The ANPR series ultra-low light smart cameras are able to capture vehicle and recognize vehicle number plate of various countries and regions in dim light environment.

DS-2CD4A26FWD-(IZ)(IZS)(IZHS)(LZS)/P offers high resolution, 120dB WDR, Auto-iris, PoE, Defog, EIS, 3D DNR, etc., to meet a wide variety of applications.

- 1/1.8" Progressive Scan CMOS
- 1920 × 1080 @ 60fps
- Ultra-low light
- Auto-iris
- 120dB WDR
- IP67
- IR and white light, optional
- Capture rate > 99% (certain countries and regions)
- Recognition rate > 98% (certain countries and regions)



www.hikvision.com



#### **Function Description**

#### Vehicle Detection and LPR

- Support countries and regions of Mid-East, Africa, Asia-Pacific, America, Europe, Russian-speaking Countries.
- In European and Russian-speaking regions, capture rate exceeds 99%, recognition rate exceeds 98%.

#### Smart

- Smart recording: support edge recording and dual-VCA
- Smart encoding: support low bit rate, low latency, ROI enhance encoding

#### image

- 1920 × 1080 @60fps
- Support auto iris DC-drive
- Support rotate mode, suitable for environment as corridor
- Support target cropping, details can be seen with low bandwidth
- Streaming smoothness setting for different requirements of image quality and fluency
- Support H.264+/H.264/MPEG4/MJPEG video compression, multi-level video quality configuration; support Baseline Profile/Main Profile/High Profile H.264 encoding complexity.
- Multiple OSD color: Black & white self-adaptive; Custom
- 120dB WDR is supportable for backlight environment
- Support defog, BLC, EIS, 3D.DNR

#### System

- Support ONVIF (profile S/profile G), CGI, PSIA, ISAPI protocol
- Support three streams, and support 20 channels live view at the same time
- Lightning protection, surge protection, voltage transient protection, anti-static protection

#### Interface

- Support standard 128G microSD/SDHC/SDXC card storage
- Support 10M/100M Ethernet port
- Support Audio I/O (-S)
- Support Alarm I/O (-S)
- Support CVBS analog output (4CIF resolution)

#### Security

- Support three-level user authentication management, user and password authorization, and IP address filtering
- Support security certificate as HTTPS
- Lock user IP after certain times failed login attempts



## Specifications

Camera		
Image Sensor	1/1.8" Progressive Scan CMOS	
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0.0027 Lux @ (F1.4, AGC ON), 0 Lux with IR	
Shutter Speed	1 s to 1/100,000 s, supports slow shutter	
Lens	2.8 mm to 12 mm, F1.4, horizontal field of view: 92° to 32° 8 mm to 32 mm, F1.6, horizontal field of view: 42° to 13.5°	
Auto-iris	DC drive	
Day & Night	IR cut filter with auto switch	
Digital Noise Reduction	3D DNR	
WDR	120dB	
Compression Standard		
Video Compression	Main stream: H.264/MPEG4 Sub stream: H.264/MPEG4/MJPEG Third stream: H.264/MPEG4/MJPEG	
H.264 Type	Baseline Profile/Main Profile/High Profile	
H.264+	Support	
Vicieo Bit Rate	32 Kbps to 16 Mbps	
Audio Compression (-S)	G.7:1/G.722.1/G.726/MP2L2	
Audio Bit Rate (-S)	64Kbps (G.711) /16Kbps (G.722.1) /16Kbps (G.726) /32-160Kbps (MP2L2)	
Image	to find the second of the second district and the	
Max. Resolution	. 1920 × 1080	
Main Stream Max. Frame Rate	Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	
Sub Stream Max. Frame Rate	Hz: 25fps (704 × 576, 640 × 480, 352 × 288) Hz: 30fps (704 × 480, 640 × 480, 352 × 240)	
Third Stream Max. Frame Rate	: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) : 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)	
Image Enhancement	C /3D DNR/Defog/EIS	
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser	
Region of Interest	Support 4 fixed region for each stream, and dynamic tracking	
Target Cropping	Support	
Day/Night Switch	Auto/Schedule/Triggered by Alarm In (-S)	
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format	
Road Traffic and Vehicle Detection	n	
Accuracy	European and Russian-Speaking Regions: Capture Rate > 99% Recognition Rate > 98%	
Vehicle Speed	Support vehicle speed under 120 km/h (74.6 mi/h)	
Line number	Up to 4 lines supported. Recommended to set 1 or 2 lines for best performance	
Direction	Support capture and recognition of vehicles both approaching and leaving	
Whitelist and Blacklist	Up to 2048	



	Mid-East:		
	Turkey, United Arab Emirates, Qatar, Iran, Iraq, Morocco, Egypt, Jordan, Kuwait, Saudi Arabia Tunisia, Palestine, Pakistan  Africa:		
	South Africa, Kenya, Nigeria, Tanzania, Mauritius		
	Asia-Pacific:		
E E	Australia, Mauritius, New Zealand, Indonesia, Malaysia, Singapore, South Korea, Thailand, Vietnam the Philippines, Hong Kong, Macao, Taiwan, Burma, Japan, India, Mongolia		
Countries and Regions	America:		
	United States of America, Colombia, Brazil, Ecuador, Peru, Mexico  Europe:		
, -	Slovakia, Italy, Spain, France, Germany, Poland, France, Czech Republic, Netherlands, Denmark Luxembourg, Greece, Albania, Bosnia and Herzegovina, Ireland, Malta, Sweden, Switzerland Portugal, Macedonia, Croatia, Finland, United Kingdom, Romania, Serbia, Bulgaria, Norway, Israel Hungary, Austria, Vatican City State, Cyprus, Iceland, Slovenia, Turkey, Montenegro Russian-Speaking Countries:		
· 3	Azerbaijan, Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Armenia, Russian Federation Ukraine, Moldova, Belarus, Turkmenistan, Uzbekistan		
Network			
Network Storage	Support microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR		
Alarm Trigger	Road traffic, motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error		
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNM IGMP, 802.1X, QoS, IPv6		
General Function	One-key reset, anti-flicker, three streams, heartbeat, password protection, privacy mask, watermark, IP address filter mirror		
Standard	ONVIF (profile S, profile C), PSIA, CGI, ISAPI		
interface			
Communication Interface	1 RJ45 10M/100M . thermat port		
Audio (-S)	With -S model: 1 audio input (line in/mic in), 1 audio output		
Alarm (-S)	With –S model: 1 input, 1 output		
Video Output	1Vp-p composite output (75 G/BNC)		
On-hoard storage	Built-in microSD/SDHC/SDXC slot, up to 128 G		
Reset Button	Yes		
Audio (-S)			
Environment Noise Filtering	Support		
Audio I/O	Support		
Audio Sampling Rate	16kHz/32kHz/44.1kHz/48 kHz		
General			
Operating Conditions	-IZS/P, -IZ/P, -LZS/P: -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) -IZHS/P: -40 °C to +60 °C (-40 °F to +140 °F), Humidity 95% or less (non-condensing)		
Pcwer Supply	12 VDC ± 10%, terminal block PoE (802.3at, class 4)		
Power Consumption and Current	-(IZS)(IZ)/P: 12 VDC, max. 13.3 W, 1.2 A; PoE, max. 17.6 W, 0.3 A to 0.5 A -IZHS/P: 12 VDC, max. 14.5 W, 1.3 A; PoE, max. 19.2 W, 0.3 A to 0.5 A -LZS/P: 12 VDC, max. 18.1 W, 1.6 A; PoE, max. 24 W, 0.4 A to 0.6 A		
IR	-IZ/P, -IZS/P, -IZHS/P: 850 nm IR wavelength, up to 50 meters for 2.8 to 12 mm lens, up to 100 m for 8 to 32 mm lens		
White Light	-LZS/P: up to 50 meters for 2.8 to 12 mm lens, up to 100 m for 8 to 32 mm lens		
Heater	-IZHS: support		



Protection	IP67
Dimensions	Camera: $100 \times 103.9 \times 311.8 \text{ mm} (3.94" \times 4.09" \times 12.28")$ . Package: $386 \times 156 \times 155 \text{ mm} (15.20" \times 6.14" \times 6.10")$
Weight	2075 g (4.57 lb.)

#### **Available Models:**

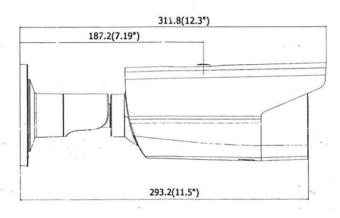
DS-2CD4A26FWD-IZ/P, DS-2CD4A26FWD-IZS/P, DS-2CD4A26FWD-IZHS/P, DS-2CD4A26FWD-LZS/P

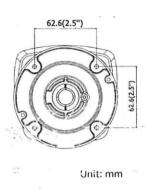
- \*With -I model supports IR supplement
- \*With -H model supports heater
- \*With -L model supports white light supplement

#### **Dimensions**

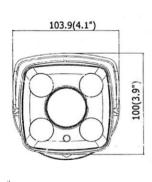
#### -IZ/P, -IZS/P, -IZHS/P:

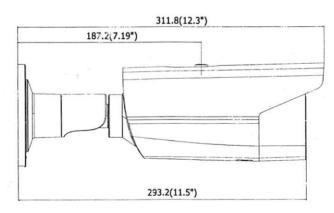


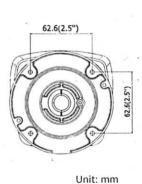




#### -LZS/P:







#### Accessories



DS-1275ZJ Vertical pole mount



DS-1280ZJ-5 Junction box ...



DS-1260ZJ Junction box



DS-1276ZJ Corner mount

Distributed by

### HIKVISION

**Headquarters** No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 overseasbusiness@hikvision.com

Hikvision USA T +1-909-895-0400 sales.usa@hikvision.com

#### Hikvision Italy T +39-0438-6902 info.it@hikvision.com

Hikvision Singapore T +65-6684-4718 sd@hikvision.com

#### Hikvision Africa T +27 [10] 0351172 sale.africa@hikvision.com

Hikvision Europe T +31-23-55-42-770 into.eu@hikvisian.com

## Hikvision France T+33[0]1-85-330-450 info.fr@hikvision.com

Hikvision Oceania T +61-2-8599-4233 salesau@hikvision.com

Hikvision Hong Kong T +852-2151-1761

Hikvision Middle East T +971-4-8816086 salesme@hikvision.com

Hikvision Spain T+34-91-737-16-55 info.es@hikvision.com

Hikvision Canada T+1-909-895-0400 sales.usa@hikvision.com 1 Hikvision Russia T +7-495-669-67-99 saleru@hikvision.com

Hikvision Poland T +48-22-460-01-50 poland@hikvision.com

Hikvision Korea T +82-31-731-8841 sales.korea@hikvision.com Hikvision India T+91-22-28469900 sales@pramahikvision.com

Hikvision UK T +01628-902140 support.uk@hikvision.com

Hikvision Brazil T +55 11 3318-0050 Latam.support@hikvision.com



## DH-IPC-HFW2431T-ZAS/VFAS

4MP WDR IR Bullet Network Camera



- · 1/3" 4Megapixel progressive CMOS
- · H.265 & H.264 dual-stream encoding
- · 20fps@4M(2685×1520)&25/30fps@3M(2304×1296)
- · WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- · Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- · Micro SD card slot, up to 128GB
- · 2.7~13.5mm varifocal lens
- · Max IR LEDs Length 60m
- · IP67, IK10(optional), PoE











#### System Overview

The IR Megapixel Vari-focal camera delivers 2MP/4MP/5MP resolution with a 2.7mm – 13.5mm varifocal lens. The camera's elegant blend of aesthetics combined with a range of easy mounting solutions provides an excellent choice for a variety of small to mid-size applications at an affordable price.

#### Functions

#### Smart H.265+

Smart H.265+ is the optimized implementation of the H.265 codec that uses a scene-adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction to deliver high-quality video without straining the network. Smart H.265+ technology reduces bit rate and storage requirements by up to 70% when compared to standard H.265 video compression.

#### Wide Dynamic Range (WDR)

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, true WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

#### Smart IR Technology

With IR illumination, detailed images can be captured in low light or total darkness. The camera's Smart IR technology adjusts the intensity of camera's infrared LEDs to compensate the distance of an object. Smart IR technology prevents IR LEDs from whitening out images as they come closer to the camera. The camera's integrated infrared illumination provides high performance in extreme low-light environments up to 60m (197ft).

#### Protection (IP67, wide voltage)

The camera allows for ±10% input voltage tolerance, suitable for the

most unstable conditions for outdoor applications. Its 2KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67), the camera is the choice for installation in even the most unforgiving environments.

#### Environmenta

Dahua cameras operate in extreme temperature environments, rated for use in temperatures from -30° C to +60° C (-22° F to +140° F) with 95% humidity.

#### Image flip

Capturing unnecessary data such as surrounding hallway walls can increase storage requirements without any added value. The image flip feature allows the camera's image to be rotated in 90° increments for better video optimization.

#### Interoperability

The carnera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer.

## Lite Series | DH-IPC-HFW2431T-ZAS/VFAS

Camera				
image Sensor	1/3" 4Megapixel progressive CMOS			
Effective Pixels	2688(H) x1520(V)			
RAM/ROM	512MB/32MB			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s			
Minimum Illumination	0.3Lux/F1.4(	0.03Lux/F1.4( Color,1/3s,30IRE) 0.3Lux/F1.4( Color,1/30s,30IRE) 0Lux/F1.4(IR on)		
S/N Ratio	More than 50	More than 50dB		
IR Distance	Distance up to	o 60m(197ft)	NE A	
IR On/Off Control	Auto/ Manua			
IR LEDs	4			
Lens			1 1	
Lens Type	Motorized(-Z	S),Manual(-Vi	-S)	
Mount Type	Board-in	Board-in		
Focal Length	2.7mm~13.5mm			
Max. Aperture	F1.4			
Angle of View	H:104°~28°, V:72°~20°			
Focus Control	Motorized(-ZS), Manual (-VFS)			
Close Focus Distance	0.3m			
Lens	Detect	Observe	Recognize	Identify
DORI Distance W	64m(210t)	26m(85ft)	13m(43ft)	6m(20ft)
т	222m(728ft)	89m(292ft)	44m(144ft)	22m(72h)
PTZ				
Pan/Tilt Range	Pan:0" ~360"	Pan:0" "360"; Tilt:0" ~90"; Rotation:0 ~550"		
Video				
Compression	H.265+/H.265	5/H.264+/H.2	64	
Streaming Capability	2 Streams			
Resolution	4M(2688x1520)/(256Ux1440)/ (2304x1296)/1080P(1920x1080)/ SXGA(1280x1024)/1.3ir/4(1280x 960)/720P(1280x720)/D1(704x576/704x430)/ VGA(640x480)CIF(352x288/352x240)			
Frame Rate	4M (1 ~ 20fps)/3M(1 ~ 25/30fps)			
riaille Rate	D1/CIF(1 ~ 25/30fps)			
Bit Rate Control	CBR/VBR			
Bit Rate	H.265: 12K ~ 8448Kbps H.264: 32K ~ 10240Kbps			
Day/Night	Auto(ICR) / C	Auto(ICR) / Color / B/W		
BLC Mode	BLC/HLC/WDR(120dB)			

White Balance	Auto/Natural/Street Lamp/Outdoor/Manual		
Gain Control	Auto/Manual		
Noise Reduction	3D DNR		
Motion Detetion	Off / On (4 Zone, Rectangle)		
Region of Interest	Off / On (4 Zone)		
Electronic Image Stabilization(EIS)	N/A		
Smart IR	Support		
Digital Zoom	16x		
Flip	0°/90°/180°/270°		
Mirror .	Off/On		
Privacy Masking	Off / On (4 Area, Rectangle)		
Audio			
Compression	G.711a/ G.711Mu/ AAC/ G.726		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Protocol	HTTP;TCP;ARP;RTSP;RTP;UDP;RTCP;SMTP;FTP;DHCF;DNS;DDNS;PPPOE;IPv4/v6;SNMP;QoS;UPoP;NTR		
interoperability	ONVIF, PSIA, CGI		
Streaming Method	Unicast/Multicast		
Max. User Access	10 Users / 20 Users		
Edge Storage	NAS Local PC for instant recording Micro SD Card 128GB		
Web Viewer	IE, Chrome, Firefox, Safari		
Management Software	Smart PSS, DSS, Easy4ip		
Smart Phone	IOS, Android		
Certifications			
Certifications	CE (EN 60950:2000) UI:UL60950-1 FCC: FCC Part 15 Subpart B		
Interface			
Video Interface	N/A		
Audio Interface	1/1 channel In/Out		
RS485	N/A		
Alarm	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC		
Electrical			
Power Supply	DC12V PoE (802.3af)(Class U)		
Power Consumption	<12.6W(-ZS), <12.6W(-VFS)		

### Lite Series | DH-IPC-HFW2431T-ZAS/VFAS

Environmental	
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Strorage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	IK10(optional)
Construction	
Casing	Metal
Dimensions	244.1mm×79mm×75.9mm (9.61"×3.11"×2.99")
Net Weight	0.815kg (1.80lb)
Gross Weight	1.08kg (2.38lb)

Ordering In	ntormation	
Гуре	Part Number	Description
4MH comera	DH-IPC-HFW2431TP- ZAS	4MP WDR IR Bullet Network Camera, PAL
	DH-IPC-HFW2431TN- ZAS	4MP WDR IR Bullet Network Camera, NTSC
	IPC-HFW24311P-ZAS	4MF WDR IR Bullet Network Camera, PAL
	IPC-HFW24311N-ZAS	4MP WDR IR Bullet Network Camera, NTSC
	DH-IPC-HFW2431TP- VFAS	4MP WDR IR Bullet Network Camera, PAL
	DH-IPC-HFW2431TN- VFAS	4MP WDR IR Bullet Network Camera, NTSC
	IPC-HFW2431TP-VFAS	4MP WDR IR Bullet Network Camera, PAL
	IPC-HFW2431TN- VFAS	4MP WDR IR Bullet Network Camera, NTSC
	PFA135	Junction box
Accessories (optional)	PFA152-E	Pole mount
	LR1002	ePoE Over Coax Converter

#### Accessories

#### Optional:





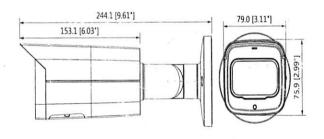




LR1002 ePoE Over Coax Converter

Junction Mount	Pole Mount
PFA135	PFA135 + PFA152-E

#### Dimensions (mm/inch)







www.dahuasecurity.com



## DHI-NVR4208/4216/4232-4KS2

8/16/32 Channel 1U 4K&H.265 Lite Network Video Recorder



- · H.265/H.264 codec decoding
- · Max 200Mbps Incoming Bandwidth
- · Up to 8MP Resolution for Preview and Playback
- · HDMI/VGA simultaneous video output
- Support ANR technology to enhance the storage reliability when the network break down













#### System Overview

Dahua's NVR4000-4K52 is the first Lite series NVRs which can support 4K and H.265. And, it has the most reasonable price and best quality. This Lite NVR provides up to 8MP resolution. For applications where details are critical for identification; it provides a powerful image performace with up to 4K resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, centre storage, edge storage, and back up storage.

Designed as a cost-effective, easy installation, this NVR is ideal for a wide range of applications such as public safety, water conservancy, transportation, city centers, education, and financial institutions.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.4, enabling interoperability when combined with IP cameras.

#### **Functions**

4K Resolution

The NVR supports 4K ultra HD resolution (3840 x 2160) for recording, live viewing and playback.

Intelligent Video System (Optional)

Working with built-in intelligent video analytics IP cameras, the NVR has the ability to detect and analyze moving objects for improved video surveillance. The NVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a pre-determined line has been crossed, People Counting, ideal for business intelligence, and Face Detection, for searching or identification of individuals.

#### Smart Add

With the Smart Add function, the installation of IP system is as easy as an analog system, no matter the NVR with or withou a PoE switch embeded. It should be noted that the NVR has to be in the same router as cameras.

ANR (Automatic Network Replenishment Technology)

Video record in SD card in IP cameras when the network breaks down, and after the network recovered, the video will be transferred to NVR and then recorded in it.

#### Easy4i

You can monitor at anytime and anywhere with Easy4ip. With this function, you can manage your devices more convenient.

1

1

Onvif

## Lite Series | DHI-NVR4208/4216/4232-4KS2

Technical Specification	on	Audio and Video	
System		IP Camera Input	8/16/32 Channel
Main Processor	Quad-core embedded processor	Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Operating System	Embedded LINUX	Recording	
Display		Compression	H.265/H.264
Interface	1 HDMI, 1 VGA	Resolution	8Mp/6Mp/5MP/4MP/3MP/1080P/1.3MP/720F etc.
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768	Record Rate	200Mbps
Mulai aasaa Bisala	8CH: 1/4/8/9	Bit Rate	16Kbps ~ 20Mbps Per Channel
Multi-screen Display	16/32CH: 1/4/8/9/16	Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering,
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	record Mode	Video Loss), Stop
Video Detection and	Alarm	Record Interva!	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	Network	
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering	Interface	1 RJ-45 Port (10/100/1000Mbps)
Alarm input	4 Channel, Low Level Effective, Green Terminal Interface	Ethernet Port	1 Independent 1000Mbps Ethernet Port
Relay Output	2 Channel, NO/NC Programmable,	PoE	N/A
Playback and Backup	Green Terminal Interface	Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP Search (Support Dahua IP camera, DVR, NVS.
Playback	8CH: 1/4/8	* 1	etc.), Easy4ip
PlayDock	16/32CH: 1/4/8/16	Max. User Access	, 128 users
Search Mode	Time/Date, Alarm. MD & Exact search (accurate to second), Smart search	Smart Phone	iPhone, iPad, Android
	Play, Pause, Stop, Rewind, Fast play, S'ow Play,	Interoperability	ONVIF 2.4, CGI Conformant
Playback Function	Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle,	Electrical	
	Backup Selection, Digital Zoom	Power Supply	DC12V/4A
Backup Mode	USB Device/Network	Power Consumption	<6.9W (Without HDD)
Storage		Environmental	
Internal HDD	2 SATA III Port, Up to 6 TB capacity for each HDD	Operating Conditions	-10°C~+55°C (+14°F~+131°F), 86~106kpa
HDD Mode	Single	Storage Conditions	-20°C~+70°C (-4°F~+158°F), 0~90% RH
eSATA	N/A	Construction	
Auxiliary Interface		Dimensions	1U, 375mm×281.5mm×56mm (14.8" x 11.1" x2.2")
USB	2 USB Ports (1 USB2.0, 1 USB3.0)	Net Weight	1.6kg (3.5 lb) (without HDD)
RS232	N/A	Gross Weight	3.2kg(7.1 lb)(without HDD)
RS485	N/A	Certifications	
Third-party Support		CE	EN55032, EN55024, EN50130-4, EN60950-1
Third part (Supply)	Dahua, Arecont Vision, AXIS, Bosch, Brickcom,	FCC	Part 15 Subpart B, ANSI C63.4-2014
Third-party Support	Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more	UL	UL60950-1+CAN/CSA C22.2 No.60950-1

1

### Lite Series | DHI-NVR4208/4216/4232-4KS2

Ordering Info	ormation	
Туре	Part Number	Description
8 Channel NVR	DHI-NVR4208-4KS2	8 Channel 1U 4K&H.265 Lite Network Video Recorder
16 Channel NVR	DHI-NVR4216-4KS2	16 Channel 1U 4K&H.265 Lite Network Video Recorder
32 Channel NVR	DHI-NVR4232-4KS2	32 Channel 1U 4K&H.265 Lite Network Video Recorder
Accessories	N/A	N/A

