

IPC-B140H 4 MP Fixed Bullet Network Camera



- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67)
- 3D DNR technology delivers clean and sharp images
- Easy installation with Power over Ethernet (PoE) technology

▪ Specification

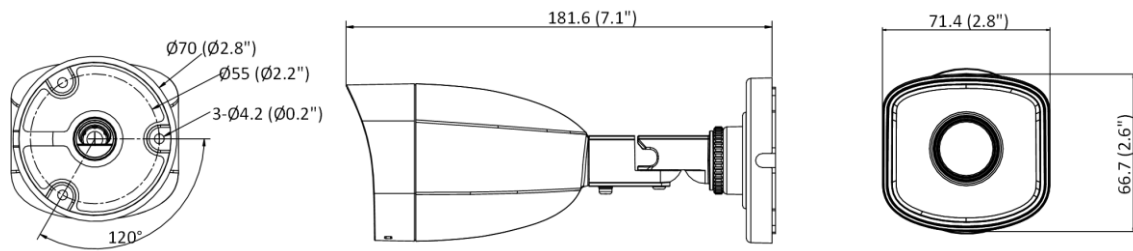
Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F2.0, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	120 dB
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 98.0°, vertical FOV 53.1°, diagonal FOV 114.7° 4 mm, horizontal FOV 78.7°, vertical FOV 43.1°, diagonal FOV 92.3°
Lens Mount	M12
Focus	Fixed
Aperture	F2.0
Illuminator	
IR Wavelength	850 nm
IR Range	Up to 30 m
Video	
Max. Resolution	2560 × 1440
Main Stream	50 Hz: 20 fps (2560 × 1440) 25 fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main stream supports
Region of Interest (ROI)	1 fixed region for main stream
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+

Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule, Day, Night
Image Enhancement	BLC, 3D DNR
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Event	
Basic Event	Motion detection, video tampering alarm, exception
General	
Linkage Method	Upload to FTP, notify surveillance center, send email
Camera Material	Metal & Plastic
Camera Dimension	181.6 mm × 71.4 mm × 66.7 mm (7.1" × 2.8" × 2.6")
Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Camera Weight	Approx. 270 g (0.6 lb.)
With Package Weight	Approx. 490 g (1.1 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Web Client Language	English, Ukrainian
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.120
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.15 A, max. 6.5 W
Power Supply	12 VDC ± 25% PoE: 802.3af, Class 3
Power Interface	Ø5.5 mm coaxial power plug
Approval	
EMC	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)

▪ Available Model

IPC-B140H (2.8/4 mm)

▪ Dimension



Unit: mm (inch)

▪ Accessory

▪ Optional

DS-1280ZJ-XS

Junction Box



NVR-100H-D/P SERIES NVR

Key Feature

- H.265+/H.265/H.264+/H.264 video compression
- Up to 40/60 Mbps incoming bandwidth, and 60 Mbps outgoing bandwidth
- Up to 4/8-ch network camera inputs
- Up to 4-ch 1080p decoding capability
- HDMI and VGA simultaneous output



Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel recording at up to 4 MP resolution

Storage and Playback

- 2-ch@4 MP or 4-ch @1080p playback resolution
- 1 SATA interface (up to 6 TB capacity per HDD)

Smart Function

- Supports line crossing and intrusion detection
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Automatically search and add network cameras after device is activated

Network & Ethernet Access

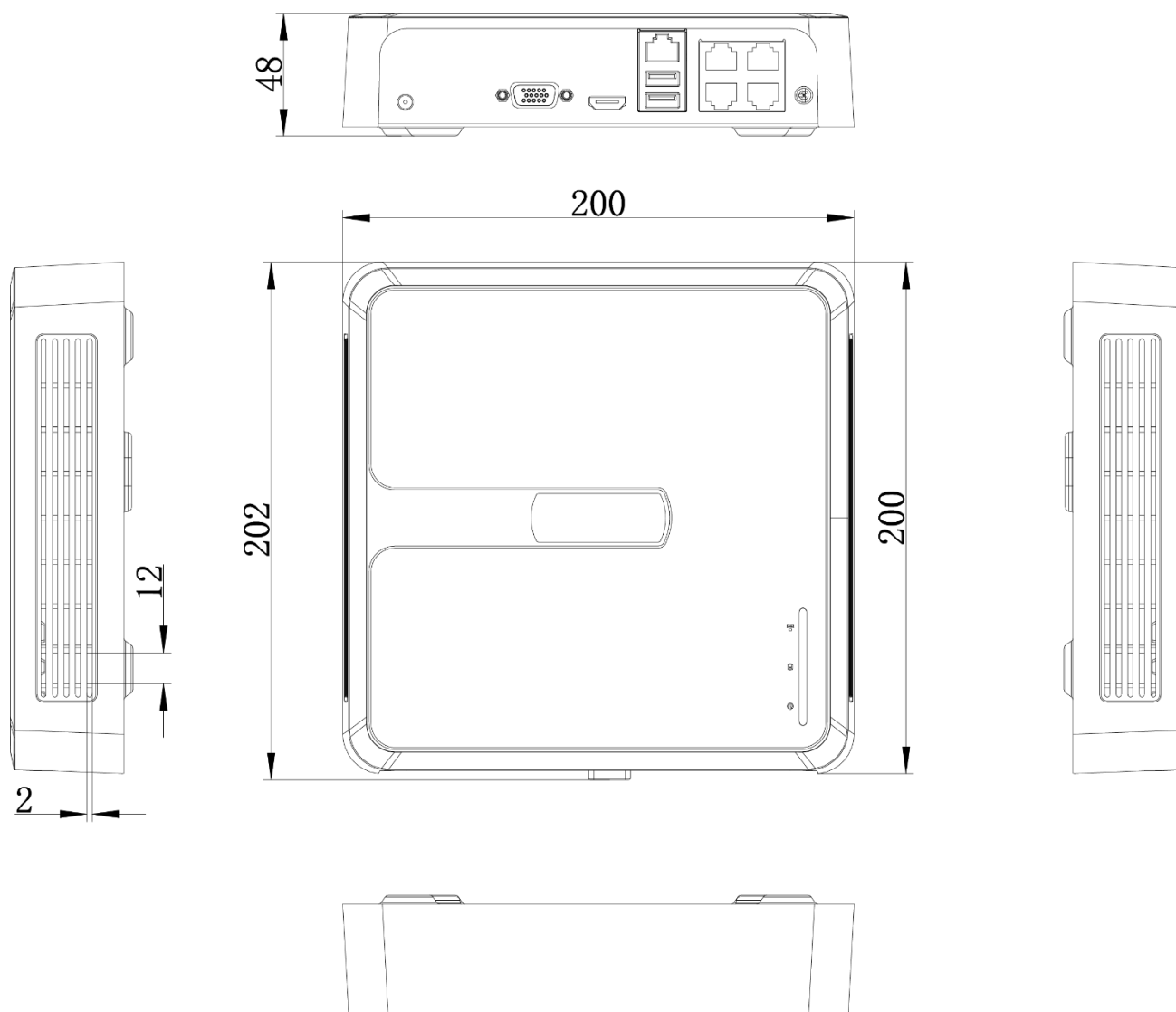
- 4/8 independent PoE network interfaces
- 1 self-adaptive 10/100 Mbps Ethernet interface
- HiLookVision for easy network management

Specification

Model	NVR-104H-D/4P	NVR-108H-D/8P
Video and Audio		
IP video input	4-ch	8-ch
	Up to 4 MP resolution	
Incoming bandwidth	40 Mbps	60 Mbps
Outgoing bandwidth	60 Mbps	
HDMI output	1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
VGA output	1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	
Decoding		
Decoding format	H.265+/H.265/ H.264+/H.264	
Recording resolution	4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	
Synchronous playback	4-ch	8-ch
Capability	4-ch@1080p (25 fps), 2-ch@4 MP (25 fps)	
Stream type	Video, Video & Audio	
Network		
Remote connection	16	
Network protocol	TCP/IP, DHCP, HiLookVision, DNS, DDNS, NTP, SADP, SMTP, UPnP™	
Network interface	1, RJ-45 10/100 Mbps self-adaptive Ethernet interface	
PoE		
Interface	4, RJ-45 10/100 Mbps self-adaptive Ethernet interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 36 W	≤ 75 W
Supported standard	IEEE 802.3 af/at	
Auxiliary interface		
SATA	1 SATA interface	
Capacity	Up to 6 TB capacity for each disk	
Alarm in/out	N/A	
USB interface	Rear panel: 2 × USB 2.0	
General		
Power supply	48 VDC, 1 A	48 VDC, 1.8 A
Consumption (without HDD and PoE off)	≤ 10 W	
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)	
Working humidity	10% to 90%	
Dimension (W × D × H)	200 × 200 × 48 mm (7.9" × 7.9" × 1.9")	285 × 210 × 48 mm (11.2" × 8.3" × 1.9")
Weight (without HDD)	≤ 1 kg (2.2 lb)	
Certification		
FCC	Part 15 Subpart B, ANSI C63.4-2014	
CE	EN50130-4, EN 61000-3-2,EN 61000-3-3	

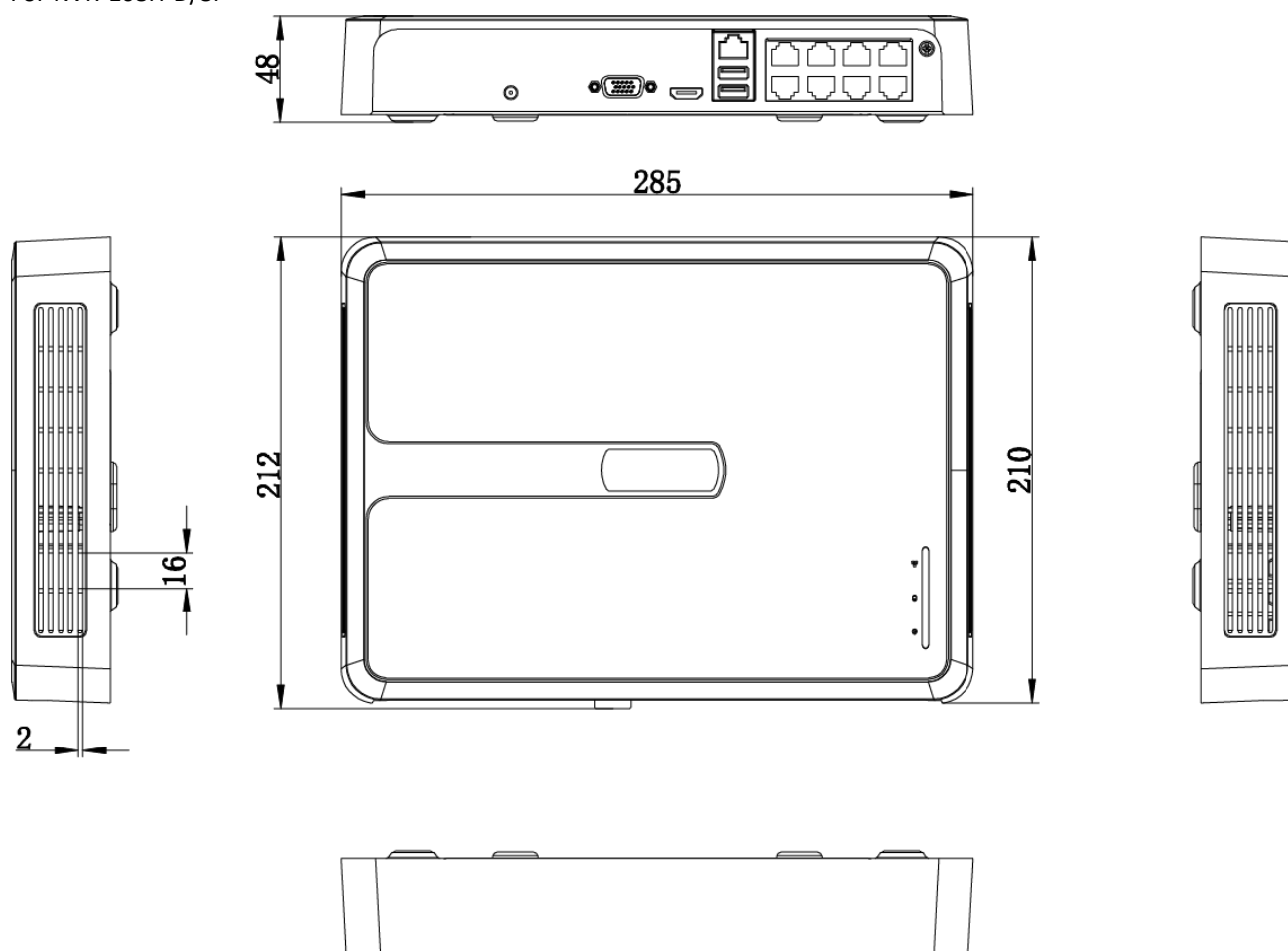
Dimension

For NVR-104H-D/4P

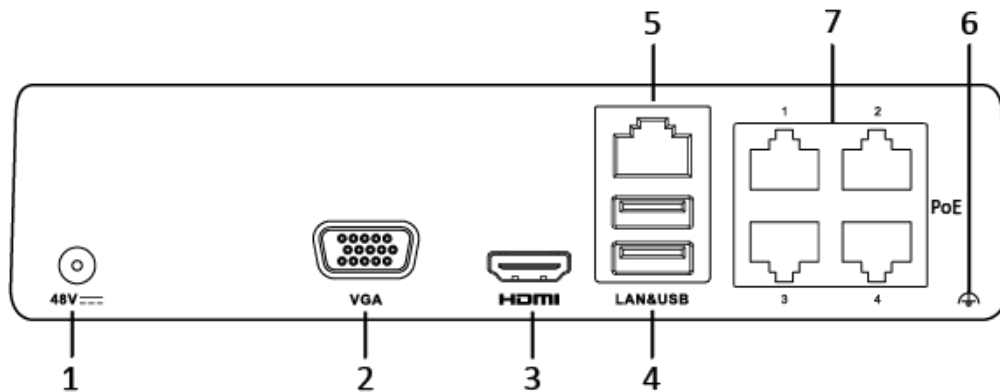


Unit: mm

For NVR-108H-D/8P



Physical Interface



*: The rear panel of NVR-108H-D/8P provides 8 PoE interfaces.

No.	Description	No.	Description
1	Power supply	5	LAN Network Interface
2	VGA interface	6	Ground
3	HDMI interface	7	Network Interfaces with PoE function
4	USB interface		

Available Model

NVR-104H-D/4P, NVR-108H-D/8P