NKS4245WBTH
4MP Bullet + 5MP turret WiFi NVS Kit



- Secure and integrated video storage, all videos are stored in NVS without additional fee
- NVS equipped with Wi-Fi hotspot, one-click to add wireless cameras
- High-gain antenna design for stable camera connection and wider coverage
- NVS supports two Micro SD card slots, up to 512 GB for each card
- Smart IR and white light
- Accurate motion detection function
- Built-in mic and speaker for two-way audio
- Remote mobile phone management, all functions can be performed through Hik-Connect, such as camera adding, two-way audio, live view, playback, etc.

▪ Specification

Camera	
Power Supply	Bullet：12 VDC ± 25%, 0.6 A, max. 7.2 W,Ø5.5 mm coaxial power plug,reverse polarity protection,*A switching adapter is included in the package. Turret：5 VDC ± 5%, 1.6 A, Type-C
Consumption	Bullet：Max. 7.2W Turret：Max. 8W
Working Temperature	Bullet：-30 °C to 50 °C (-22 °F to 122 °F) Turret：-10 °C to 40 °C (14 °F to 104 °F)
Working Humidity	Humidity 95% or less (non-condensing)
Dimension (W × D × H)	Bullet：94.1 mm × 75 mm × 174.5 mm (3.7" × 3.0" × 6.9") Turret：165 mm × 155 mm × 126 mm (6.5" × 6.1" × 5.0")
Weight	Bullet：Approx. 270 g (0.6 lb.) Turret：Approx. 280 g (0.6 lb.)
Camera	
Focal Length	2.8 mm
Aperture	Bullet：F1.6 Turret：F2.2
Focus	Fixed
FOV	Bullet：horizontal FOV 124°, vertical FOV 70°, diagonal FOV 142° Turret：horizontal FOV 112.6°, vertical FOV 61.3°, diagonal FOV 136.2°
Camera	
IR Range	Bullet：IR: up to 30 m；White Light: up to 30 m Turret：IR: up to 10 m；White Light: up to 10 m
Camera	
Video Compression	Bullet：H264，H265 Turret：H.265
H.264 Type	Bullet：Baseline Profile,Main Profile,High Profile Turret：NA
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 4 Mbps
Audio Compression	G.711(ulaw)/ (AAC-LC)
Audio Bit Rate	64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes

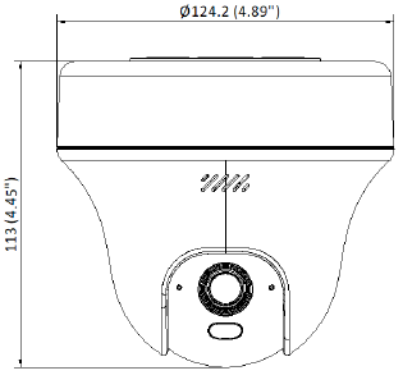
Camera	
Max. Resolution	Bullet：2560 × 1440 Turret：2960 × 1664
Main Stream	Bullet： 50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) Turret： 50 Hz: 20 fps (2960 × 1664, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2960 × 1664, 1920 × 1080, 1280 × 720)
Sub-stream	50 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432)
Image Setting	Saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule
Camera	
Alarm Trigger	Motion detection (support alarm triggering by specified target types (human and vehicle))
Protocols	Bullet：TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, UPnP Turret：TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, UDP, QoS
General Function	Heartbeat,mirror,password protection,anti-banding
Camera	
Communication Interface	Bullet：1 RJ45 10 M/100 M self-adaptive Ethernet port Turret：NA
Reset Button	Yes
Camera	
Camera Case Type	Bullet,Turret
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Bullet：Color:0.005 Lux @ (F1.6, AGC ON),B/W: 0 Lux @ (F1.6, AGC ON) Turret：Color: 0.01 Lux @ (F2.2, AGC ON),B/W: 0 Lux with IR
Day &Night	IR cut filter
WDR	Digital WDR
Angle Adjustment	Bullet：Pan: 0° to 360°,tilt: 0° to 90°,rotate: 0° to 360° Turret：Pan: 0° to 345°,tilt: 15° to 85°
Protection Level	Bullet：IP66 Turret：NA
Wi-Fi Support	Yes
NVR	
IP Video Input	4-ch
Incoming/Outgoing Bandwidth	20 Mbps/20 Mbps

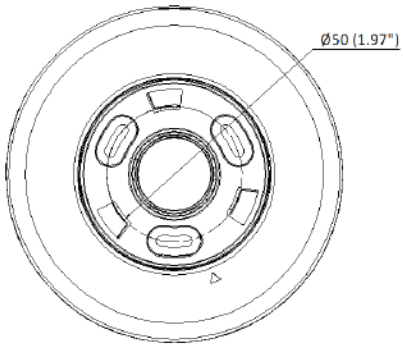
NVR	
Video Resolution	6 MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Synchronous Playback	2-ch
NVR	
Network Interface	1, RJ-45 10/100 Mbps self-adaptive Ethernet interface
NVR	
Frequency Band	2.4 GHz
Antenna Structure	Dual high gain antenna
Transmission Speed	573Mbps
NVR	
SD Card	2 slots,up to 512GB for each card
NVR	
Power Supply	Yes
Consumption (without HDD and PoE off)	≤ 6 W
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	163 x 125 x 26 mm (6.4" × 4.9" × 1.0")
Weight (without hard disk)	≤ 500 g (1.1 lb)
Kit	
Accessories	Power cable: 2 × IPC power cables, 1 × NVS power cable Ethernet cable: RJ45, Cat5e UTP, 1 m
Certification	CB,CE-DOC,CE-RED,CE-LVD,CE-EMC,EN18031
Weight (with package)	≤ 2 kg (4.4 lb)
Camera	Bullet: DS-2CFW04(2.8mm) Turret: DS-2CFQ05(2.8mm)
NVR	DS-7104NI-S2/WX

▪ Available Model

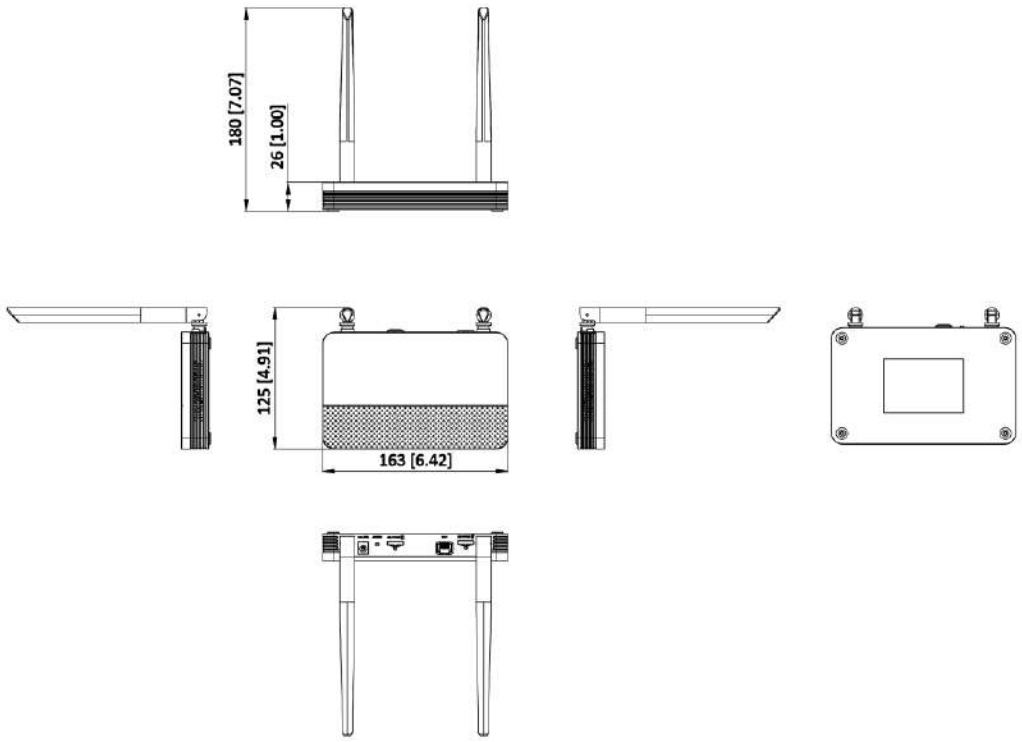
DS-J142I(STD)/NKS4245WBTH

▪ Dimension



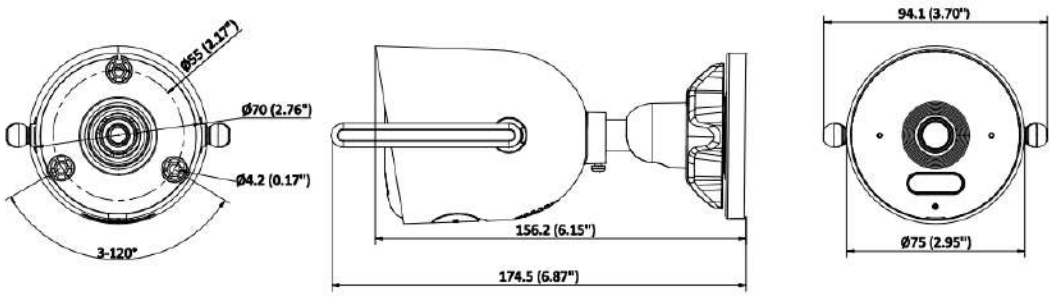


Unit: mm (inch)



Unit:mm [inch]

SCALE	1:1



Unit: mm (inch)