

HEKATH

IP Dome (5 MP, Colour, B&W, HTK-4MPBNW01-D)



Specifications	
Camera:	
Sensor type	High Definition IP Dome CMOS Camera H42 1/2.8" IR Cut
Sensor pixels	Effective 2560 x 1920P
Lux Sensitivity	0.05 lux at colour, 0.01 lux at B/W, 0.0 lx (IR)
Wide Dynamic Range	Super ≥ 100 dB
True Day/Night	Auto, Color, Black & White, Smart IR
Shutter Speed	Auto/Manual (1/30 [1/25] to 1/10000)
Video Compression	Main Stream: H.265/H.264 Sub Stream: H.265/H.264/MJPEG
Main Stream	25 fps @2560x1920P, 1280x960P, 1280x720P
Second Stream	25 fps @D1/CIF/QCIF
Bitrate	≥ 128 kbps ~ 16 mbps, VBR & CBR
Night Vision Distance	Min.25m (82ft), IR 850 nm
Night Vision Function	IR Cut Filter, Smart IR Control
Lens type	Fixed focus 3.6mm
Coverage Angle	$\geq 102^\circ$
White Balance	ATW/AWB/Manual
Alarms & Trigger:	
Other Intelligent Detection	Motion Detection, Port Alarm, IP & MAC Conflict, Network Lost Detection, Privacy Masking
Alarm Trigger Out	On-screen Alerts/PTZ Trigger/Link Out, FTP, Email
Network & Control:	
Unit Configuration	Via Web Browser, PC Surveillance Software, NVR
Protocols	TCP(IPv4)/UDP/HTTP/HTTPS/RTSP/FTP/NTP/DHCP/DNS/SMTP/SNMP/UPnP
Ethernet	10/100 Base-T, Auto-sensing, Half/Full Duplex, RJ45
Third Part NVR/Software	ONVIF PROFILE S, SDK, RTSP
User/Remote Access	Min.4 Level/8 Users, Min.4 Users Access at the Same Time
Electrical:	

Input Voltage	Plus 12 VDC & POE
Power Consumption	Less than 6W
PoE	IEEE 802.3af (802.3at Type 1)
Lighting/TVS Protection	TVS 4KV, Lightning/Surge 1KV Projection LAN & Power
Mechanical:	
Pan/Tilt	Pan: 0° ~ 355°, Tilt 0° ~ 75°
Enclosure	Durable IP66 Standard, 3Axis Rotation
Environmental:	
Operating Temperature	Minus 30°C to 60 °C (Minus 22°F to 140 °F)
Humidity	20% to 90% relative humidity (non condensing)
Ingress Protection	Indoor dome Metal/IP66

IP Bullet (5 MP, Black & White, HTK-4MPBNW01-B)



Specifications	
Camera:	
Sensor type	High Definition IP Dome CMOS Camera H42 1/2.8" IR Cut
Sensor pixels	Effective 2560 x 1920P
Lux Sensitivity	0.05 lux at colour, 0.01 lux at B/W, 0.0 lx (IR)
Wide Dynamic Range	Super ≥ 100dB
Day & Night	High Performance IR cut mechanical filter for True Day and Night Vision/Colour Night Vision
Shutter Speed	Auto/Manual (1/30 [1/25] to 1/10000)
Video Compression	Main Stream: H.265/H.264 Sub Stream: H.265/H.264/MJPEG
Main Stream	25 fps @2560x1920P, 1280x960P, 1280x720P
Second Stream	25 fps @D1/CIF/QCIF
Bitrate	≥128 kbps ~ 16 mbps, VBR & CBR
Night Vision Distance	Min.25m (82ft), IR 850 nm
Night Vision Function	IR Cut Filter, Smart IR Control
Lens type	Fixed focus 3.6mm
Coverage Angle	≥90°
White Balance	ATW/AWB/Manual
Alarms & Trigger:	

Other Intelligent Detection	Motion Detection, Port Alarm, IP & MAC Conflict, Network Lost Detection, Privacy Masking
Alarm Trigger Out	On-screen Alerts/PTZ Trigger/Link Out, FTP, Email
Network & Control:	
Unit Configuration	Via Web Browser, PC Surveillance Software, NVR
Protocols	TCP(IPv4)/UDP/HTTP/HTTPS/RTSP/FTP/NTP/DHCP/DNS/SMTP/SNMP/UPnP
Ethernet	10/100 Base-T, Auto-sensing, Half/Full Duplex, RJ45
Third Part NVR/Software	ONVIF PROFILE S, SDK, RTSP
User/Remote Access	Min.4 Level/8 Users, Min.4 Users Access at the Same Time
Electrical:	
Input Voltage	Plus 12 VDC & POE
Power Consumption	Less than 6W
PoE	IEEE 802.3af (802.3at Type 1)
Lighting/TVS Protection	TVS 4KV, Lightning/Surge 1KV Protection LAN & Power
Mechanical:	
Pan/Tilt	Pan: 0° ~ 355°, Tilt 0° ~ 75°
Enclosure	Durable IP66 Standard, 3Axis Rotation
Environmental:	
Operating Temperature	Minus 30°C to 60 °C (Minus 22°F to 140 °F)
Humidity	20% to 90% relative humidity (non condensing)
Ingress Protection	Indoor dome Metal/IP66

H&KATH

NVR



NVR Specification	
Video Compression	H.265+, H.265, H.264+, H.264 Compression
Audio Compression	ADPCM-DV14/G.711A/G.711U
NVR OS	Embedded Linux
Input Resolution	IP Camera Input at 4K/6MP/5MP/4MP/3MP/ 1080P/960P/720P/4CIF/DCIF/2CIF/CIF/QCIF
Display Live & Record Ch	20CH/16CH/10CH/9CH/8CH/6CH/4CH/1CH
Record Resolution	4K(3840x2160,3264x2448,3296x2472)/6MP(2752x2208,3008x2008,2408x2008))/5MP(2560x1920,2592x1944,2592x1920,2528x2128/4MP(2560x1440,2592x1520))/3MP(2048x1536)/1920x1080/1280x960/1280x720/VGA/4CIF/CIF/QCIF
Record Frame Rate	Each Channel Mainstream 25fps(P)/30fps(N), Sub stream 25fps(P)/30fps(N)
Record Stream Mode	VBR / CBR
Record Stream Rate	Min 32kbps ~ to 16384KBPS Auto/Manual Selectable
Second Stream & Mode	D1/CIF/QCIF & VBR / CBR
Recording Method	IVA Alarm, Schedule, Manual, Alarm, Motion
Playback Channel	Min.16CH/8CH/4CH/1CH
Smart Function	Smart Record, Smart Playback, Record Tag, IVA Record
Alarm Pre & Post Record	10 ~ 600 sec(Pre), 5 ~ 60sec(Post)
Audio Output (intercom)	Yes, 1CH Input & Output
Playback Function	Play, Pause, Stop, Rewind, Fast & Slow play, Next & Previous file, Next & Previous Camera, Full screen, Repeat, Shuffle, Backup selection, Digital Zoom
Harddisk Interface	Min 2 HDD SATA Port or Better
Harddisk Capacity	Min up to 8TB Each Port or Better
HDD Management	HDD Grouping & Quota, HDD hibernation & Faulty alarm, Back UP, Redundant for Each Channel or all Channel
ANR	Automatically Download Stored Video of Camera SD Card, When Camera online
VGA & Video Output	HDMI up to 4K, VGA Port up to 1080P

Bandwidth Throughput	80M Incoming, 80 Outgoing
Remote Connection	32
IVA Channels	All Ch @ iVA Input Process from Camera
Intelligent Video analysis	Auto tracking/People counting/ Face detection/ Crowd/Foreign or Missing Object/ Tripwire/Perimeter/ Running /Loitering/Parking/Scene Change/Blur Image/ Abnormal Audio
Motion Detection	Zones:396(22x18), Sensitivity level 1 ~ 6
Event Support	Snap, Audio Hint, OSD, Video Recording, Alarm Out, PTZ Trigger
Network Port	RJ45 - 10/100MBPS
USB	2 Port
Onvif Compliant	Yes S Profile
Email & FTP	Video Loss, Video Blind, Motion Detection