

**HNC344-VDZ**

**AcuSense 4 MP IR Varifocal Dome Network Camera**

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## Key Features

* Max. 2688 × 1520 @ 30fps
* H.265, H.264
* 120dB WDR
* Color: 0.007 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.4, AGC ON), 0 Lux with IR
* False alarm filter by target classification
* 12 VDC & PoE (802.3af, class 3)
* IR range: Up to 30 m
* Support on-board storage, up to 128 GB
* IP67, IK10
* BLC/3D DNR/ROI



**Specification**

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| ***Camera*** |
| Image Sensor | 1/2.7" Progressive Scan CMOS |
| Min. Illumination | Color: 0.007 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.4, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Auto-Iris | No |
| Day &Night | IR cut filter |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | 120dB |
| 3-Axis Adjustment (with bracket) | Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° |
| ***Lens*** |
| Focal length | 2.8 mm to 12 mm |
| Aperture | F1.4 |
| Focus | Auto |
| FOV | Horizontal FOV: 101° to 29°, vertical FOV: 54° to 16°, diagonal FOV: 121° to 34° |
| Lens Mount | Φ14 |
| ***IR*** |  |
| IR Range | Up to 30 m |
| Wavelength | 850 nm |
| ***Compression Standard*** |
| Video Compression | Main stream: H.265/H.264Sub stream: H.265/H.264/MJPEG |
| H.264 Type | Main Profile/High Profile |
| H.265 Type | Main Profile |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| ***Smart Feature-set*** |
| Behavior Analysis | Line crossing detection, intrusion detection, region entrance detection, region exit detection, false alarm filter by target classification |
| ROI (Region of Interest) | Support 1 fixed region for main stream and sub stream separately |
| ***Image*** |
| Max. Resolution | 2688 × 1520 |
| Main Stream | 50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720)60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Image Enhancement | BLC/3D DNR |
| Image Settings | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser |
| Day/Night Switch | Day/Night/Auto/Schedule/Triggered by Alarm In(-S) |
| ***Audio (-S)*** |  |
| Environment Noise Filtering | Yes |
| Sampling Rate | 8kHz/16kHz |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2) |



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| ***Network*** |
| Network Storage | Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR |
| Alarm Trigger | 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, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour |
| General Function | One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering |
| Firmware Version | V5.5.63 |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users3 levels: Administrator, Operator and User |
| Client | iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500 |
| Web Browser | Plug-in required live view:IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ Plug-in free live view:Chrome 45.0+, Firefox 52.0+ |
| ***Interface*** |  |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| On-board Storage | Built-in micro SD/SDHC/SDXC slot, up to 128 GB |
| SVC | H.265 encoding and H.264 encoding support |
| Reset Button | Yes |
| Audio (-S) | 1 audio input (line in), 1 audio output (line out), mono sound |
| Alarm (-S) | 1 alarm input, 1 alarm output |
| ***General*** |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3) |
| Power Consumption and Current | 12 VDC, 0.9 A, max. 11 WPoE: (802.3af, 36 VDC to 57 VDC), 0.4 A to 0.2 A, max. 12.9 W |
| Protection Level | IK10, IP67 (If the camera is installed outdoor, the bracket DS-1253ZJ-L should be used together with other pendant mounting bracket or wall mounting bracket to reduce IR reflective in the rainy day) |
| Material | Front cover: metal, bottom base: metal, bubble: plastic |
| Dimensions | Camera: Φ 153.3 × 111.6 mm (Φ 6" × 4.4") |
| Weight | Camera: 890 g (2 lb.)With package: 1300 g (2.9 lb.) |

## Available Model

 HNC344-VDZ



### Wall Mounting with the Bracket (HTH-473ZJ-155 and HTH-253ZJ-L):

**Dimension**

Camera:

46(1.8")

153.3(6")

120˚

3-Φ4.6(0.2")

100.4(4")

111.6(4.4")

83.5(3.3")

 161.5(6.4") 85.7(3.4")

66.3(2.6")

 164.3(6.5")

230.6(9.1")

158(6.2")


### Pendant Mounting with the Bracket (HTH-471ZJ-155 and HTH-253ZJ-L):

431.8(17")

Unit: mm(inch)

66.3(2.6")

 164.3(6.5")

## Accessory

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|  |  |  |  |  |  |
| HTH-471ZJ-155Pendant Mount | HTH-473ZJ-155Wall Mount | HTH-475ZJ-SUSVertical Pole Mount | HTH-476ZJ-SUSCorner Mount | HTH-280ZJ-DM55Junction Box | HTH-253ZJ-LRain Shade |



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