



**HNC304-VDZB**

**4 MP WDR Mini Dome IR Network Camera**



* **4 Megapixel High Resolution**
* **Full HD1080p real-time video**
* **Grey color housing**
* **Dual Video Streams**
* **2.8 mm to 12 mm Motorized Lens**
* **120db Wide Dynamic Range**
* **3D Digital Noise Reduction**
* **Up to 30 Meters IR Range**
* **IP66 and IK10 Protection**
* **PoE (802.3af)**
* **Audio and Alarm Input/Output**
* **Edge Storage, MicroSD Slot, 128 GB**

**Key Features**

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| **Specifications** | |
| ***Camera*** | |
| Image Sensor | 1/3” Progressive Scan CMOS |
| Min. Illumination | * 1. lux @ F1.4, AGC on; 0 with IR |
| Shutter Speed | 1/3 s to 1/10,000 s |
| Slow Shutter | Yes |
| Auto-Iris | N/A |
| Day & Night | IR cut filter with auto switch/scheduled/triggered by alarm |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | 120 dB |
| Pan/Tilt/Rotation | Pan: 0° to 355°, tilt: 0 to 75°, rotation: 0 to 355° |
| ***Lens*** | |
| Lens | 2.8mm to 12 mm @ f1/4 motorized lens |
| Angle of View | 112° to 33.8° |
| Lens Mount | Φ14 |
| ***IR*** |  |
| IR Range | 10 meters |
| ***Compression Standard*** |  |
| Video Compression | H.264+/H.264/ MJPEG |
| H.264 Type | Main profile |
| Video Bit Rate | 32 Kbps - 16 Mbps |
| Dual Streams | Yes |
| Audio | 64 Kbps (G.711)/16 Kbps (G.722.1)/ 16 Kbps (G.726)/ 32 to 128 Kbps (MP2L2) |
| ***Image*** | |
| Max. Resolution | 2688 x 1520 |
| Frame Rate | 20 fps (2688 x 1520); 30 fps (1920 x 1080) |
| Backlight Compensation | Yes, zone configured |
| Image Setting | Compression, color, rotate mode, saturation, brightness, contrast, sharpness adjustable through client software or web browser |
| ROI | Yes |
| ***Network*** | |
| Network Storage | NAS (supports NFS, SMB/CIFS), ANR |
| Alarm Trigger | Motion detection, line crossing detection, intrusion detection, tampering alarm, network disconnect, IP address conflict, storage exception |
| Protocols | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| Standard | ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI |
| Security | Three level user authentication, password authentication, HTTPS and SSH certificate, IEEE802.1X, basic and digest authentication, watermark, IP address filtering, log-in lockout |
| ***Interface*** |  |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| Onboard Storage | Built-in microSD/SDHC/SDXC card slot up to 128 GB |
| Audio | 1x audio I/O |
| Alarm Interface | 1x alarm I/O |
| ***General*** | |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 10%, PoE (802.3af) |
| Power Consumption and Current | Max 5.5W |
| Smart Features | Line crossing detection, intrusion detection |
| IR Range | Approx 30 meters |
| Ingress Protection | IP66 |
| Impact Protection | IEC60068-275Eh, 20J; EN50102, up to IK10 |
| Dimensions | 140 mm x 99.9 mm (5.51” x 3.94”) |
| Weight | 1000g (2.20 lbs) |

