



**HNC304-WDA**

**4 MP WDR Mini Dome Network Camera**



* **4 Megapixel High Resolution**
* **Full HD1080p real-time video**
* **Gray Finish**
* **Dual Video Streams**
* **4 mm Lens**
* **120db Wide Dynamic Range**
* **3-axis adjustment**
* **3D Digital Noise Reduction**
* **12 VDC and PoE**
* **Supports H.264+**
* **Up to 10 Meters IR Range**
* **IP67 Weatherproof Protection**
* **IK08 Vandal Resitant**
* **Built-in Microphone, Audio Output, Alarm I/O**

**Key Features**

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| **Specifications** |
| ***Camera*** |
| Image Sensor | 1/3” Progressive Scan CMOS |
| Min. Illumination | * 1. lux @ F1.2, AGC on; 0 with IR

0.028 lux @ f/2.0, AGC on; 0 lux with IR |
| Shutter Speed | 1/3 s to 1/10,000 s |
| Slow Shutter | N/A |
| Auto-Iris | N/A |
| Day & Night | IR cut filter with auto switch |
| Digital Noise Reduction | 3D DNR |
| Wide Dynamic Range | 120 dB |
| Angle of Adjustment | Pan: -30° to 30°, tilt: 0 to 75°, rotation: 0 to 360° |
| ***Lens*** |
| Lens | 2.8 mm |
| Angle of View | 106° |
| Lens Mount | Φ12 |
| ***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 | Supported |
| Audio Compression | G.711/G.722.1/G.726/MP2L2 |
| Audio Bit Rate | 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 | Rotate mode, saturation, brightness, contrast, sharpness adjustable through client software or web browser |
| ROI | Supported |
| ***Network*** |
| Network Storage | NAS (supports NFS, SMB/CIFS), ANR |
| Alarm Trigger | Motion 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 |
| General Functionalities | One-key reset, flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, anonymous access |
| ***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 Interface | Built-in microphone and 1x audio output |
| Alarm Interface | 1x alarm I/O |
| Reset | Yes |
| ***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 5W, max 9 W with pan and tilt |
| IR Range | Approx 10 meters |
| Ingress Protection | IP67 |
| Impact Protection | IEC60068-275Eh, 20J; EN50102, up to IK08 |
| Dimensions | 99.3 mm x 96.7 mm x 52.8 mm (3.91” x 3.81” x 2.08”) |
| Weight | 600g (1.32 lbs) |

