

XND-6010

2M Network Dome Camera

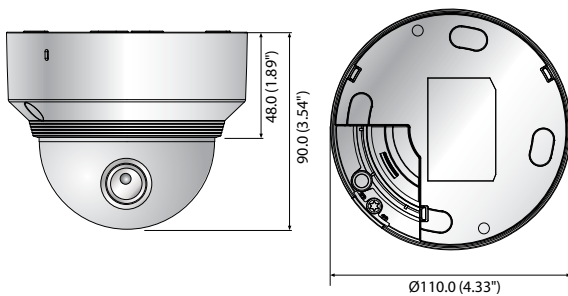


Key Features

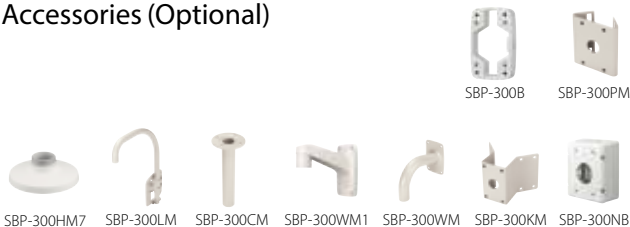
- Max. 2Megapixel (1920 x 1080) resolution
- Built-in 2.4mm fixed lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec Supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog Detection, Audio detection, Digital Auto Tracking, Sound classification, Heatmap, People Counting, Queue Management, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway View, WiseStreamII Support, IK08
- LDC Support (Lens Distortion Correction)

Dimensions

Unit : mm (inch)



Accessories (Optional)



XND-6010

| | |
|-----------------------------------|--|
| VIDEO | |
| Imaging Device | 1/2.8" 2M CMOS |
| Total Pixels | 1,945(H) x 1,109(V) 2.16M |
| Effective Pixels | 1,945(H) x 1,097(V) 2.13M |
| Scanning System | Progressive Scan |
| Min. Illumination | Color : 0.055Lux (F2.0, 1/30sec), B/W : 0.0055Lux (F2.0, 1/30sec) |
| S / N Ratio | 50dB |
| Video Out | CVBS : 1.0Vpp / 75Ω composite, 720 x 480(N), 720 x 576(P), for Installation USB : Micro USB Type B, 1280 x 720 for Installation |
| LENS | |
| Focal Length (Zoom Ratio) | 2.4mm Fixed |
| Max. Aperture Ratio | F2.0 |
| Angular Field of View | H : 139.0° / V : 73.0° / D : 167.0° |
| Min. Object Distance | 0.4m (1.31ft) |
| Focus Control | Manual |
| Lens / Mount Type | Fixed / Board-in Type |
| PAN / TILT / ROTATE | |
| Pan / Tilt / Rotate Range | 0° ~ 354° / 0° ~ 67° / 0° ~ 355° |
| OPERATIONAL | |
| Camera Title | Off / On (Displayed up to 85 Characters) - W/W : English / Numeric / Special Characters - China : English / Numeric / Special / Chinese Characters - Common : Multi-line (Max. 5), Color (Grey / Green / Red / Blue / Black / White), Transparency, Auto scale by Resolution |
| Day & Night | Auto (ICR) / Color / B/W / External / Schedule |
| Backlight Compensation | Off / BLC / HLC (Masking / Dimming), WDR |
| Wide Dynamic Range | 150dB |
| Contrast Enhancement | SSDR (Off / On) |
| Digital Noise Reduction | SSNRV (2D ± 3D Noise filter) (Off / On) |
| Digital Image Stabilization | Off / On |
| Defog | Off / Auto (Input from fog Detection) / Manual |
| Motion Detection | Off / On (Bea, 8point polygonal zones), Handover |
| Privacy Masking | Off / On (32ea, polygonal) - Color : Grey / Green / Red / Blue / Black / White, Mosaic |
| Gain Control | Off / Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor (Included mercury & Sodium) |
| Contrast | Level adjustment |
| LDC (Lens Distortion Correction) | Off / On (5 Levels with min / max) |
| Electronic Shutter Speed | Minimum / Maximum / Anti Flicker (2 ~ 1/12,000sec) |
| Digital PTZ | 24x, Digital PTZ (Preset_Group) |
| Flip / Mirror | Off / On, Hallway View : 90°/270° |
| Video & Audio Analytics | Tampering, Loitering, Directional detection, Defocus Detection, Fog Detection, Virtual line, Enter / Exit, (Dis) Appear, Audio detection, Face detection, Motion detection, Digital Auto Tracking, Sound Classification, Heatmap, People Counting, Queue Management |
| Alarm I/O | Input 1ea / Output 1ea |
| Alarm Triggers | Alarm Input, Motion detection, Video & Audio Analytics, Network disconnect |
| Alarm Events | File Upload Via FTP, E-mail, Notification via e-mail, Local Storage (SD / SDHC / SDXC) or NAS recording at event triggers, External output, DPTZ preset |
| Pixel Counter | Support |
| NETWORK | |
| Ethernet | RJ-45 (10/100 BASE-T) |
| Video Compression Format | H.265 / H.264 (MPEG-4 part 10/AVC) : Main / Baseline / High, MJPEG |
| Resolution | 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 448, 720 x 576, 720 x 480, 640 x 480, 640 x 360, 320 x 240 |
| Max. Framerate | H.265 / H.264 : Max. 60fps at all resolutions, MJPEG : Max. 30fps |
| Smart Codec | Manual Mode (Area-Based : 5ea) |
| WiseStreamII | Support |
| Video Quality Adjustment | H.265 / H.264 : Target bitrate level control, MJPEG : Target bitrate level control |
| Bitrate Control Method | H.265 / H.264 : CBR or VBR, MJPEG : VBR |
| Streaming Capability | Multiple streaming (Up to 10 Profiles) |
| Audio In | Selectable (Mic in / Line in), Built-in MIC, Max Output Level : 1Vrms Supply voltage : 2.5V DC (4mA), Input Impedance : Approx. 2K Ohm |
| Audio Out | Line out, Max Output Level : 1Vrms |
| Audio Compression Format | G.711 u-law/G.726 Selectable, G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps, AAC-LC : 48Kbps at 8 / 16 / 32 / 48KHz |
| Audio Communication | Bi-directional (2-way) |
| IP | IPv4, IPv6 |
| Protocol | TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3 (MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour |
| Security | HTTPS (SSL) Login Authentication, Digest Login Authentication IP address filtering, User access log, 802.1X Authentication (EAP-TLS, EAP-LEAP) |
| Streaming Method | Unicast / Multicast |
| Max. User Access | 20 Users at Unicast Mode |
| Edge Storage | SD / SDHC / SDXC 2Slot (Up to 512GB) - Continuous recording (1st Slot to 2nd Slot) NAS (Network Attached Storage), Local PC for Instant Recording |
| Application Programming Interface | ONVIF profile S/G, SUNAPI (HTTP API), Wisenet Open Platform |
| Webpage Language | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Supported OS : Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Non-plugin Web Viewer - Supported Browser : Google Chrome 54, MS Edge 38, Mozilla Firefox 49 (Window 64bit only), Apple Safari 9 * Mac OS X only Plug-in Web Viewer - Supported Browser : MS Explore 11, Apple Safari 9 * Mac OS X only |
| Web Viewer | |
| Central Management Software | SmartViewer, SSM |
| ENVIRONMENTAL | |
| Operating Temperature / Humidity | -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH |
| Storage Temperature / Humidity | -50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH |
| Vandal Resistance | IK08 |
| ELECTRICAL | |
| Input Voltage / Current | 12V DC ±10%, PoE (IEEE802.3af) |
| Power Consumption | Max. 5.5W (12VDC), Max. 6W (PoE) |
| MECHANICAL | |
| Color / Material | Ivory / Metal |
| Dimensions (WxH) | Ø110.0 x 90.0mm (Ø4.33" x 3.54") |
| Weight | 365g (0.80 lb) |

* The latest product information / specification can be found at hanwha-security.com

* Design and specifications are subject to change without notice.