# XND-6085

2M H.265 NW Camera (extraLUX)



## Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- H.265, H.264, MJPEG codec Supported, Multiple streaming
- 4.1 ~ 16.4mm (4x) motorized varifocal lens
- 0.004 Lux@F0.94 (Color), 0.0004 Lux@F0.94 (B/W)
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional, Fog detection, Audio detection
- Digital auto tracking, Sound classification, Tampering
- SD / SDHC / SDXC memory slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- LDC, PoE / 24V AC / 12V DC, Bi-directional audio
- Remote controlled PTRZ (PAN / TILT / ROTATE / ZOOM) maximizes angle adjustment convenience

## Accessories (Optional)


SHP-1680F


SBP-300HM6


SBP-160TM


SPB-IND83


SBV-158G


SBV-160WC


SBP-300WM


SBP-300WM1


SBP-300KM


SBP-300NB


SBP-300CM


SBP-300LM


SBP-300PM


SBP-300B

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|---|---|
| **Video** | |
| Imaging Device | 1/2" 2MP CMOS |
| Effective Pixels | 1945(H)x1097(V) |
| Min. Illumination | Color: 0.004Lux(F0.94, 1/30sec)<br>BW: 0.0004Lux(F0.94, 1/30sec) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation<br>USB: Micro USB Type B, 1280x720 for installation |
| **Lens** | |
| Focal Length (Zoom Ratio) | 4.1~16.4mm(4x) motorized varifocal |
| Max. Aperture Ratio | F0.94(Wide)~F2.4(Tele) |
| Angular Field of View | H: 100.0°(Wide)~26.2°(Tele) / V: 54°(Wide)~14.8°(Tele) / D: 116.0°(Wide)~30.0°(Tele) |
| Min. Object Distance | 0.7m(2.30ft) |
| Focus Control | Simple focus |
| Lens Type | DC auto iris |
| **Pan / Tilt / Rotate** | |
| Pan / Tilt / Rotate Range | Remote adjustment (Max. 200cycles)<br>-175˚~175˚ / -73˚~73˚ / -175˚~175˚ |
| **Operational** | |
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR, SSDR |
| Wide Dynamic Range | 150dB |
| Digital Noise Reduction | SSNR V |
| Digital Image Stabilization | Support |
| Defog | Support |
| Motion Detection | 8ea, 8point polygonal zones |
| Privacy Masking | 32ea, polygonal zones<br>- Color: Grey/Green/Red/Blue/Black/White<br>- Mosaic |
| Gain Control | Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor |
| LDC | Support |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker (2~1/12,000sec) |
| Video Rotation | Flip, Mirror, Hallway view(90˚/270˚) |
| Analytics | Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification |
| Alarm I/O | Input 1ea / Output 1ea |
| Alarm Triggers | Analytics, Network disconnect, Alarm input |
| Alarm Events | File upload via FTP and e-mail<br>Notification via e-mail<br>SD/SDHC/SDXC or NAS recording at event triggers<br>Alarm output<br>DPTZ preset |

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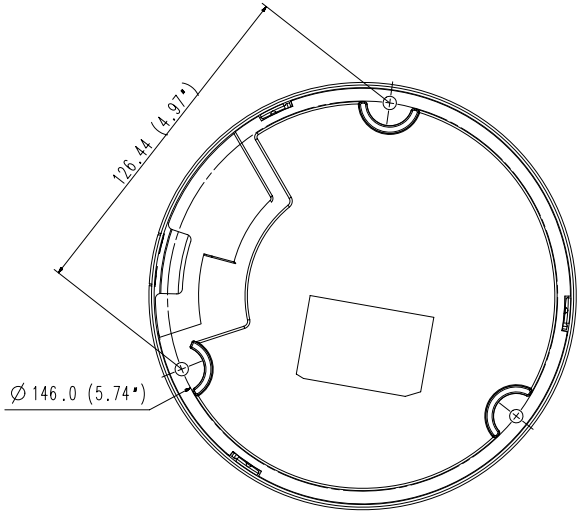
| | |
|---|---|
| Audio In | Selectable(mic in/line in/built-in mic)<br>Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm |
| Audio Out | Line out, Max.output level: 1Vrms |
| **Network** | |
| Ethernet | RJ-45(10/100BASE-T) |
| Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Resolution | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 60fps/50fps(60Hz/50Hz)<br>MJPEG: Max. 30fps/25fps(60Hz/50Hz) |
| Smart Codec | Manual(5ea area), WiseStream Ⅱ |
| Bitrate Control | H.264/H.265: CBR or VBR<br>MJPEG: VBR |
| Streaming | Unicast(20 users) / Multicast<br>Multiple streaming(Up to 10 profiles) |
| Audio Compression | G.711 u-law /G.726 Selectable<br>G.726(ADPCM) 8KHz, G.711 8KHz<br>G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps<br>AAC-LC: 48Kbps at 16KHz |
| Protocol | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP |
| Security | HTTPS(SSL) Login Authentication<br>Digest Login Authentication<br>IP Address Filtering<br>User access log<br>802.1X Authentication(EAP-TLS, EAP-LEAP) |
| Edge Storage | Micro SD/SDHC/SDXC 2slot 512GB |
| Application Programming Interface | ONVIF Profile S/G/T<br>SUNAPI(HTTP API)<br>Wisenet open platform |
| Web Viewer | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12<br>Recommended Browser: Google Chrome<br>Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |
| Memory | 1024MB RAM, 256MB Flash |
| **Environmental** | |
| Operating Temperature / Humidity | -30°C~+55°C(-22°F ~ +131°F) / Less than 90% RH<br>* Start up should be done at above -10°C |
| Storage Temperature / Humidity | -40°C ~ +60°C (-40°F ~ +140°F) / Less than 90% RH |
| Certification | IK08 |
| **Electrical** | |
| Input Voltage | PoE(IEEE802.3af, Class3), 12VDC |
| Power Consumption | PoE : Max 10.2W<br>12VDC : Max. 8.6W |
| **Mechanical** | |
| Color / Material | Ivory / Plastic |
| Product dimensions / weight | Ø160x140.0mm(6.3"x5.51"), 1.10kg(2.43 lb) |

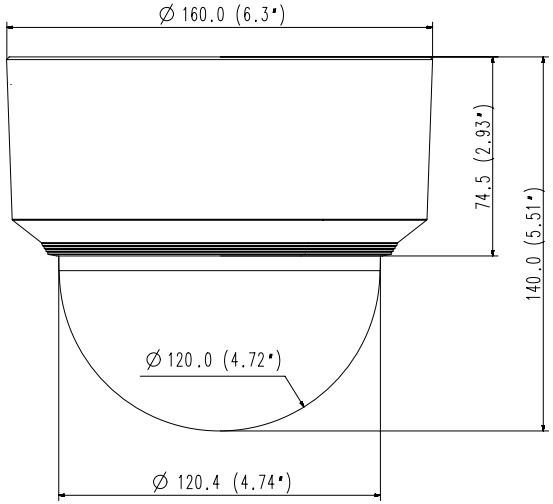
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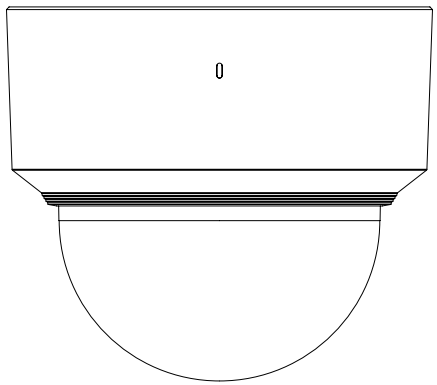
- The lastest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin , formerly known as Samsung Techwin.

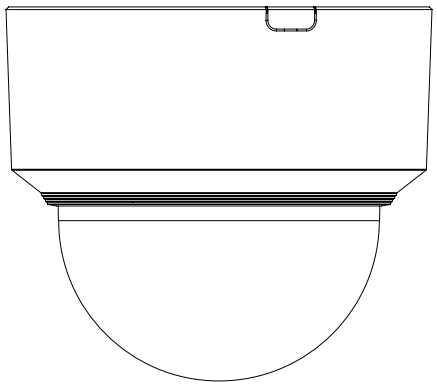
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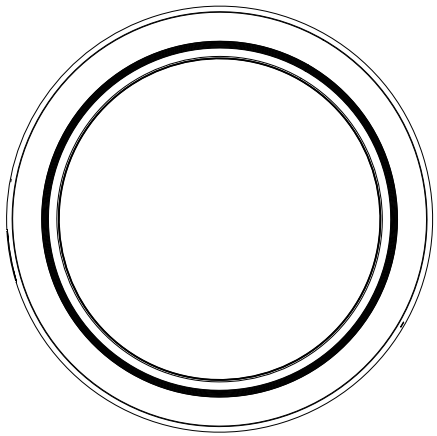




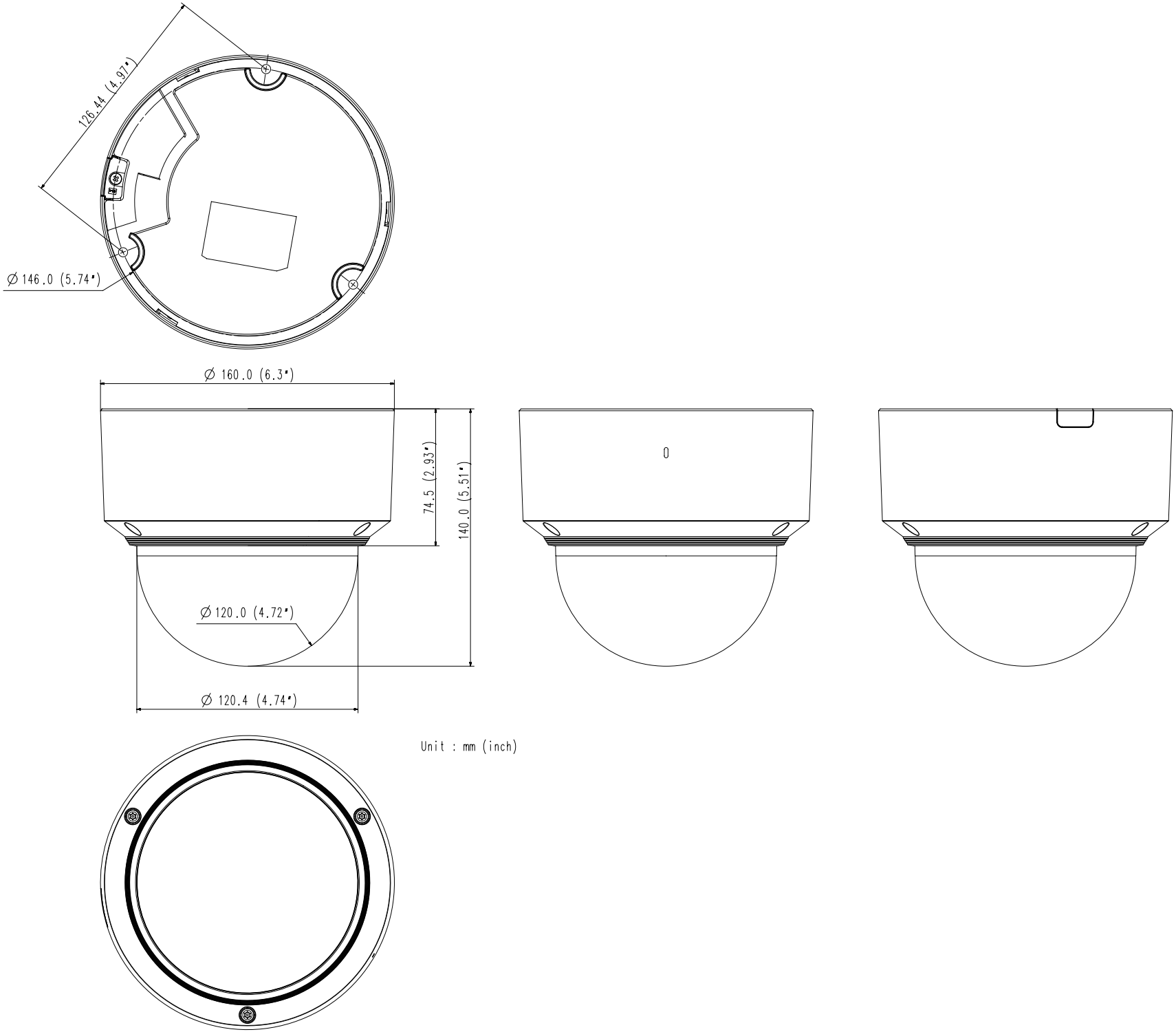
Unit : mm (inch)



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XND-6085V




Unit : mm (inch)

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