



Network

Dome

XND-6011F

2M H.265 Dome Camera



Key Features

- Built-in 2.8mm fixed lens
- Max. 60fps@all resolutions (H.265 / H.264)
- WDR (150dB), Defog
- Loitering, Directional detection, Fog detection
- Audio detection, Digital auto tracking, Sound classification
- Heatmap, People counting, Queue management
- Motion detection, Handover, Tampering
- Memory slot (Max. 256GB), PoE
- Hallway View, WiseStreamII Support
- LDC Support (Lens distortion correction)

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Specifications

Video

| | |
|-------------------|---|
| Imaging Device | 1/2.8" 2MP CMOS |
| Resolution | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz) |
| Min. Illumination | Color: 0.55Lux(F2.0, 1/30sec) BW: 0.55Lux(F2.0, 1/30sec) |
| Video Out | USB: Micro USB Type B, 1280x720 for installation |

Lens

| | |
|---------------------------|------------------------------|
| Focal Length (Zoom Ratio) | 2.8mm fixed focal |
| Max. Aperture Ratio | F2.0 |
| Angular Field of View | H: 107.4°, V: 62.2°, D: 122° |
| Min. Object Distance | 0.2m(0.66ft) |
| Lens Type | Fixed |

Pan / Tilt / Rotate

| | |
|---------------------------|----------------------------|
| Pan / Tilt / Rotate Range | 0°~355° / 0°~47° / 0°~353° |
|---------------------------|----------------------------|

Operational

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|-----------------------------|---|
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR, SSSDR |
| 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 - Color: Grey/Green/Red/Blue/Black/White - 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 |
| Business Intelligence | People counting, Queue management, Heatmap |
| Alarm Triggers | Analytics, Network disconnect |
| Alarm Events | File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers |
| Audio In | Built-in mic |

Network

| | |
|--|--|
| Ethernet | RJ-45(10/100BASE-T) |
| Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Audio Compression | G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz |
| Smart Codec | Manual(5ea area), WiseStream II |
| Bitrate Control | H.264/H.265: CBR or VBR MJPEG: VBR |
| Streaming | Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles) |
| 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, SRTSP |
| Security | HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) |
| Application Programming Interface | ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform |

General

| | |
|---------------------|---|
| Web Viewer | Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12 Recommended Browser: Google Chrome Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only) |
| Edge Storage | Micro SD/SDHC/SDXC 1slot 256GB |
| Memory | 1024MB RAM, 256MB Flash |

Environmental & Electrical

| | |
|---|---|
| Operating Temperature / Humidity | -10°C~+55°C(14°F ~ +131°F) / Less than 90% RH |
| Storage Temperature / Humidity | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH |
| Input Voltage | PoE(IEEE802.3af, Class3) |
| Power Consumption | PoE : Max 4.7W |

Mechanical

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|------------------------------------|--|
| Color / Material | Ivory / Plastic |
| Product Dimensions / Weight | Ø98.9x129.1mm(3.9"x5.1"), 275g(0.6 lb) |

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CAD

Unit: mm [inch]

