



Network

Dome

XND-6081FZ

2M H.265 Dome Camera



Key Features

- Maximum 2MP resolution
- 0.015Lux@F1.4 (Color), 0.0015Lux@F1.4 (B/W)
- Day & Night (ICR), WDR (150dB / 120dB)
- Modular structure and motorized PTRZ
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- IP52/Plenum rate (UL2820), PoE, 12VDC

Compatible Accessories (Optional)



SPB-FCD85W

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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: 0.015Lux(F1.4, 1/30sec) BW: 0.0015Lux (F1.4, 1/30sec) |
| Video Out | USB: Micro USB type B, 1280x720 for installation |
| Lens | |
| Focal Length (Zoom Ratio) | 2.8~12mm(4.3x) motorized varifocal |
| Max. Aperture Ratio | F1.4(Wide) ~ F3.6(Tele) |
| Angular Field of View | H: 119.5°(Wide)~27.9°(Tele) V: 62.8°(Wide)~15.7°(Tele) D: 142.1°(Wide)~32.0°(Tele) |
| Min. Object Distance | 0.5m(1.64ft) |
| Focus Control | Simple focus, Manual |
| Lens Type | DC auto iris, P iris(IR corrected) |
| Pan / Tilt / Rotate | |
| Pan / Tilt / Rotate Range | Remote adjustment (Max. 200cycles) ±175- / 0~85- / ±175- |
| Operational | |
| 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, 4point Quadrangle zones - Color : Gray, Green, Red, Blue, Black, White - Mosaic |
| Gain Control | Support |
| 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, Shock detection |
| Business Intelligence | People counting, Queue management, Heatmap |
| Alarm I/O | Input 1ea / Output 1ea |
| Alarm Triggers | Analytics, Network disconnect, Alarm input |
| Alarm Events | When alarm trigger occurred - File upload(image) : e-mail/FTP - Notification : e-mail - Recording : SD/SDHC/SDXC or NAS recording at event triggers - Alarm output - Handover - Audio clip playback |
| Audio In | Selectable(mic in/line in) 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 |
| 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 | |
| Webpage Language | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish,, Portuguese, Czech, Polish, Turkish, Dutch, Greek, Hungarian |
| Edge Storage | Micro SD/SDHC/SDXC 2slot 512GB |
| Memory | 1024MB RAM, 256MB Flash |
| Environmental & Electrical | |
| Operating Temperature / Humidity | -25°C ~ +60°C (-13°F ~ +140°F) / Less than 90% RH |
| Storage Temperature / Humidity | -50°C ~ +60°C (-58°F ~ +140°F) / Less than 90% RH |
| Certification | IP52, plenum-rated, IK10 |
| Input Voltage | PoE(IEEE802.3af, Class3), 12VDC |
| Power Consumption | PoE: Max 10W, typical 4.80W 12VDC: Max 8.5W, typical 3.71W |
| Mechanical | |
| Color / Material | White / Aluminum |
| RAL Code | RAL9003 |
| Product Dimensions / Weight | Ø205x163mm(Ø8.1x6.4") / 1.85kg(4.08lb) |

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
Hanwha Vision is formerly known as Hanwha Techwin.