



Network

Dome

# XND-6081RF

2M H.265 IR Dome Camera



## Key Features

- Max. 2Megapixel resolution
- 0.015Lux@F1.4 (Color), 0Lux (B/W, IR LED on)
- Day & Night (ICR), WDR (150dB / 120dB)
- Modular structure
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- IP52, IK10, PoE, 12VDC

## Compatible Accessories (Optional)



SPB-FCD85W

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## Specifications

### Video

<b>Imaging Device</b>	1/2.8" 2MP CMOS
<b>Resolution</b>	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
<b>Max. Framerate</b>	H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
<b>Min. Illumination</b>	Color: 0.015Lux(F1.4, 1/30sec) BW: 0Lux(IR LED)
<b>Video Out</b>	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation USB: Micro USB Type B, 1280x720 for installation

### Lens

<b>Focal Length (Zoom Ratio)</b>	2.8~12mm(4.3x) motorized varifocal
<b>Max. Aperture Ratio</b>	F1.4(Wide)~F3.6(Tele)
<b>Min. Object Distance</b>	0.5m(1.64ft)
<b>Focus Control</b>	Simple focus
<b>Lens Type</b>	DC auto iris, P iris

### Pan / Tilt / Rotate

<b>Pan / Tilt / Rotate Range</b>	0°~360° / -45°~85° / 0°~355°
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### Operational

<b>Camera Title</b>	Displayed up to 85 characters
<b>Day &amp; Night</b>	Auto(ICR)
<b>Backlight Compensation</b>	BLC, HLC, WDR, SSSDR
<b>Wide Dynamic Range</b>	150dB
<b>Digital Noise Reduction</b>	SSNR V
<b>Digital Image Stabilization</b>	Support(built-in gyro sensor)
<b>Defog</b>	Support
<b>Motion Detection</b>	8ea, 8point polygonal zones
<b>Privacy Masking</b>	32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
<b>Gain Control</b>	Low / Middle / High
<b>White Balance</b>	ATW / AWC / Manual / Indoor / Outdoor
<b>LDC</b>	Support
<b>Electronic Shutter Speed</b>	Minimum / Maximum / Anti flicker (2~1/12,000sec)
<b>Video Rotation</b>	Flip, Mirror, Hallway view(90°/270°)
<b>Analytics</b>	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
<b>Business Intelligence</b>	People counting, Queue management, Heatmap
<b>Alarm I/O</b>	Input 1ea / Output 1ea
<b>Alarm Triggers</b>	Analytics, Network disconnect, Alarm input

<b>Alarm Events</b>	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output Handover Audio playback
<b>Audio In</b>	Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
<b>Audio Out</b>	Line out, Max. output level: 1Vrms
<b>IR Viewable Length</b>	50m(164.04ft)

## Network

<b>Ethernet</b>	RJ-45(10/100BASE-T)
<b>Video Compression</b>	H.265/H.264: Main/Baseline/High, MJPEG
<b>Audio Compression</b>	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
<b>Smart Codec</b>	Manual(5ea area), WiseStream II
<b>Bitrate Control</b>	H.264/H.265: CBR or VBR MJPEG: VBR
<b>Streaming</b>	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
<b>Protocol</b>	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
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access Log 802.1X Authentication(EAP-TLS, EAP-LEAP)
<b>Application Programming Interface</b>	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform

## General

<b>Web Viewer</b>	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)
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 2slot 512GB
<b>Memory</b>	1024MB RAM, 256MB Flash

## Environmental & Electrical

<b>Operating Temperature / Humidity</b>	-25°C~+60°C (-13°F~+140°F) / Less than 90% RH
<b>Storage Temperature / Humidity</b>	-50°C~+60°C (-58°F~+140°F) / Less than 90% RH
<b>Certification</b>	IP52, IK10
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3), 12VDC
<b>Power Consumption</b>	PoE: Max 12.95W, typical 9.40W 12VDC: Max 10.8W, typical 7.60W

## Mechanical

<b>Color / Material</b>	White / Aluminum(Plenum)
<b>RAL Code</b>	RAL9003
<b>Product Dimensions / Weight</b>	Ø205x155mm(8.07x6.10"), 1.80kg(3.97 lb)

# XND-6081RF

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CAD

Unit: mm [inch]

APPERANCE-XND-6081FZ/8081FZ/6081F/6081RF/8081RF

Unit : mm (inch)  
SCALE 1:1  
ver. 190603

X-PLUS FLUSH DOME

