

XND-8081FZ

5M H.265 NW Dome Camera



Key Features

- Max. 5Megapixel resolution
- 0.07Lux@F1.4 (Color), 0.007Lux@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

Video	
Imaging Device	1/1.8" 6MP CMOS
Effective Pixels	2616(H)x1976(V)
Min. Illumination	Color: 0.07Lux(F1.2, 1/30sec) BW: 0.007Lux (F1.2, 1/30sec)
Video Out	USB: Micro USB type B, 1280x720 for installation
Lens	
Focal Length (Zoom Ratio)	3.6~9.4mm(2.6x) motorized varifocal
Max. Aperture Ratio	F1.2(Wide) ~ F2.4(Tele)
Angular Field of View	H: 102.5°(Wide)~38.7°(Tele) / V: 74.2°(Wide)~29.0°(Tele) / D: 135.5°(Wide)~48.6°(Tele)
Min. Object Distance	0.5m(1.64ft)
Focus Control	Simple focus
Lens Type	DC auto iris, P iris
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	120dB
Digital Noise Reduction	SSNRV
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, 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	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

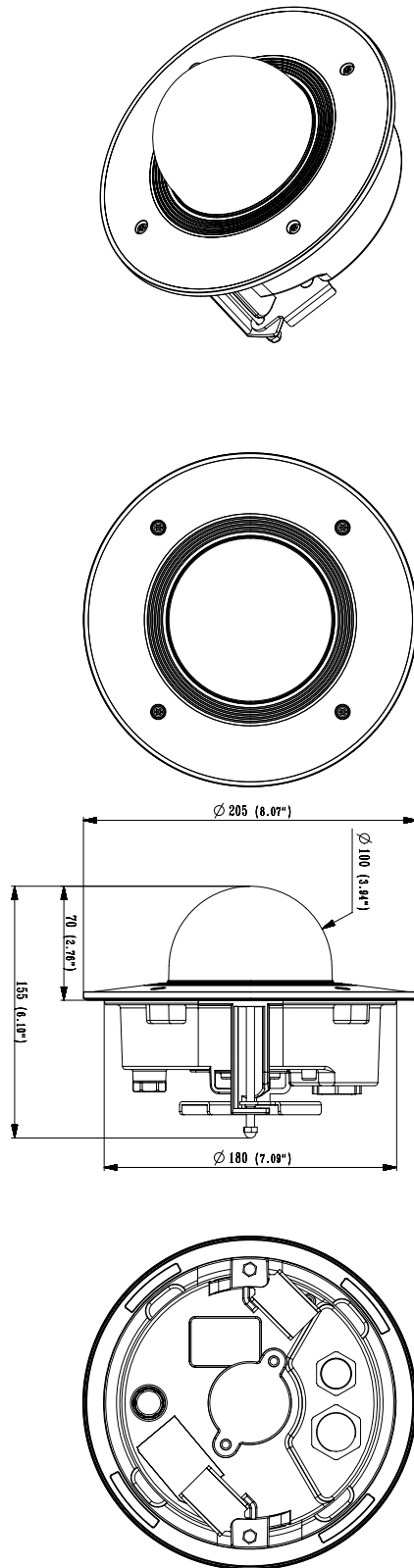
Audio In	Selectable(mic in/line in), Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
Audio Out	Line out, Max.output level: 1Vrms
Network	
Ethernet	RJ-45(10/100BASE-T)
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG
Resolution	2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz)
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)
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
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
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access Log 802.1X Authentication(EAP-TLS, EAP-LEAP)
Edge Storage	Micro SD/SDHC/SDXC 2slot 512GB
Application Programming Interface	ONVIF Profile S/G SUNAPI(HTTP API) Wisenet open platform
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)
Memory	1024MB RAM, 256MB Flash
Environmental	
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 rate(UL2820)
Electrical	
Input Voltage	PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE: Max 11W, typical 5.4W 12VDC: Max 9W, typical 3.75W
Mechanical	
Color / Material	White / Aluminum
RAL Code	RAL9003
Product dimensions / weight	Ø205x155mm(Ø8.07x6.10") / 1850kg(4.08 lb)

- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

Dimension

APPEARANCE-XND-6081FZ/8081FZ ver. 181212

XND-6081ZF/8081FZ



Unit : mm (inch)
SCALE 1:1