



Network

Dome

# XND-8081VZ

5M H.265 Dome Camera



## Key Features

- Maximum 5MP 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/IK10, PoE, 12VDC

## Compatible Devices



SBP-300LMW



SBP-300WMW1



SBP-300KMW



SBP-300BW



SBP-300PMW



SBP-300WMW



SPB-IND85W



SBC-160B



SBP-300NBW



SBP-300CMW



SBP-167HMW

## XND-8081VZ

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### Specifications

#### Video

Imaging Device	Size	1/1.8"
	Type	CMOS
Resolution	2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	30fps(@5MP Max. 5fps)
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.07
	BW(1/30sec, 30IRE)	0.007
Video Out	USB: Micro USB Type B	

#### Lens

Focal Length (mm)	3.6~9.4	
Zoom Ratio	Optical	2.6x
Max Aperture Ratio (F number)	Wide	1.2
	Tele	2.4
Angular Field of View	Horizontal	102.5°~38.7°
	Vertical	74.2°~29.0°
	Diagonal	135.5°~48.6°
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	Pan	-175°~175°
	Tilt	0°~85°
	Rotate	-175°~175°
	Others	Remote adjustment(Max. 200cycles)

#### Operational

Day & Night	Auto(ICR)
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## Operational

<b>Backlight Compensation</b>		BLC, HLC, WDR, SDR
<b>Wide Dynamic Range (dB)</b>		120
<b>Digital Noise Reduction</b>		SSNR V
<b>Digital Image Stabilization</b>		Support
<b>Defog</b>		Support
<b>Motion Detection</b>	Quantity	8ea
	Shape	8point Polygonal zones
<b>Privacy Masking</b>	Quantity	32ea
	Shape	4point Quadrangle zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
<b>Gain Control</b>		Support
<b>White Balance</b>		ATW, AWC, Manual, Indoor, Outdoor
<b>LDC</b>		Support
<b>Electronic Shutter</b>	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
<b>Video Rotation</b>		Flip, Mirror, Hallway view(90°/270°)
<b>Alarm Interface</b>	In/Out	Input 1ea, Output 1ea
<b>Alarm Triggers</b>		Analytics, Network disconnect, Alarm input
<b>Alarm Events When Alarm Trigger Occurred</b>		File upload(image): e-mail/FTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers,Alarm output, Handover: PTZ preset,Audio clip playback
<b>Audio In</b>		Selectable(mic in/line in)
<b>Audio Out</b>		Line out

## Analytics

<b>Analytics Events</b>	Normal	Defocus detection, Motion detection, Tampering, Fog detection, Face detection, Audio detection, Sound classification, Shock detection, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction) , Digital auto tracking
<b>Business Intelligence</b>	Normal	People counting, Queue management, Heatmap

## 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, WiseStream II
<b>Bitrate Control</b>	H.265/H.264: CBR or VBR, MJPEG: VBR

## Network

Streaming	Unicast	Up to 20 users
	Multicast	Support
	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, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), PIM-SM
Application Programming Interface	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform
Direct Cloud Connection		Optional (needs gateway)

## Security

User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS, SRTP
Access Control	IP-based access control
Data Protect	Encryption credentials, Encrypt compress for live recording file export
Audit	Access / System / Event Log management

## General

Memory	RAM	1GB
	Flash	256MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 256GB x 2slot(Total 512GB)

## Environmental & Electrical

Operating Condition	Temperature	-25°C~+60°C(-13°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3), 12VDC
Power Consumption	PoE	Max 11W, typical 5.40W
	12VDC	Max 9W, typical 3.75W

## Mechanical

Color	White
Material	Aluminum
RAL Code	RAL9003
Product Dimensions	Ø160x125mm(Ø6.3x4.9")
Product Weight	1.450g(3.20lb)

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**Certifications & Standards**

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Environment	IEC 60529 IP52, IEC 62262 IK10
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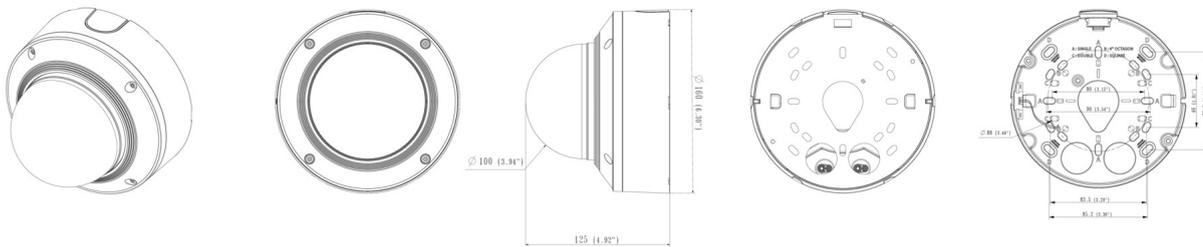
## CAD

Unit: mm [inch]

APPERANCE-XND-6081VZ/8081VZ/6081V/6081RV/8081RV

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

### X-PLUS INDOOR VANDAL



### X-PLUS INDOOR VANDAL with SKIN-COVER

