



Network

Dome

# XND-6081RV

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)
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- Modular structure, PoE, 12VDC
- IP52, IK10

## Compatible Devices



SBP-300LMW



SBP-300WMW1



SBP-300KMW



SBP-300BW



SBP-300PMW



SBP-300WMW



SPB-IND85W



SBC-160B



SBP-300NBW



SBP-300CMW



SBP-167HMW

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2M H.265 IR Dome Camera



## Specifications

Video		
Imaging Device	Size	1/2.8"
	Type	CMOS
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	
Max. Framerate	H.265/H.264	60fps/50fps(60Hz/50Hz)
	MJPEG	30fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.015
	BW(1/30sec, 30IRE)	0.0015
Video Out	CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B	

Lens		
Focal Length (mm)	2.8~12	
Zoom Ratio	Optical	4.3x
Max Aperture Ratio (F number)	Wide	1.4
	Tele	3.6
Angular Field of View	Horizontal	119.5°~27.9°
	Vertical	62.8°~15.7°
	Diagonal	142.1°~32.0°
Min. Object Distance	0.5m(1.64ft)	
Focus Control	Simple focus	
Lens Type	DC auto iris(IR corrected), P iris(IR corrected)	

Pan / Tilt / Rotate		
Pan / Tilt / Rotate Range	Pan	0°~360°
	Tilt	-45°~85°
	Rotate	0°~355°

Operational	
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SDR

## Operational

Wide Dynamic Range (dB)		150
Digital Noise Reduction		SSNR V
Digital Image Stabilization		Support(built-in gyro sensor)
Defog		Support
Motion Detection	Quantity	8ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	32ea
	Shape	Polygonal zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
Gain Control		Low, Middle, High
White Balance		ATW, AWC, Manual, Indoor, Outdoor
LDC		Support
Electronic Shutter	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
Video Rotation		Flip, Mirror, Hallway view(90°/270°)
Alarm Interface	In/Out	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: PTZ preset,send message by HTTP/HTTPS/TCP,Audio clip playback
Audio In		Selectable(mic in/line in), Built-in mic
Audio Out		Line out
Light Type		IR LED
Light Viewable Length	IR	50m(164.04ft)
IR Wavelength		850nm

## Analytics

Analytics Events	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
Business Intelligence	Normal	People counting, Queue management, Heatmap

## 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, WiseStream II

## Network

<b>Bitrate Control</b>		H.265/H.264: CBR or VBR, MJPEG: VBR
<b>Streaming</b>	Unicast	Up to 20 users
	Multicast	Support
	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, UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), PIM-SM
<b>Application Programming Interface</b>	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform
<b>Direct Cloud Connection</b>		Optional (needs gateway)

## Security

<b>OS / Firmware Protect</b>	Encrypted firmware, Secure boot, Signed firmware
<b>User authentication</b>	Digest authentication
<b>Network authentication</b>	IEEE 802.1X(EAP-TLS, EAP-LEAP)
<b>Secure Communication</b>	HTTPS, WSS(WebSocket Secure), SRTP
<b>Access Control</b>	IP-based access control
<b>Data Protect</b>	Encryption credentials, Encrypt compress for live recording file export
<b>Audit</b>	Access / System / Event Log management
<b>Secure Storage</b>	SDcard partition encrypt(AES-256)

## General

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

## Environmental & Electrical

<b>Operating Condition</b>	Temperature	-25°C~+60°C(-13°F~+140°F)
	Humidity	0~90% RH(non-condensing)
<b>Storage Condition</b>	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
<b>Input Voltage</b>		PoE(IEEE802.3af, Class3), 12VDC
<b>Power Consumption</b>	PoE	Max. 12.95W, typical 9.4W
	12VDC	Max. 10.8W, typical 7.6W

## Mechanical

<b>Color</b>	White
<b>Material</b>	Aluminum
<b>RAL Code</b>	RAL9003

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## Mechanical

Product Dimensions	ø160x125mm(6.30x4.92")
Product Weight	1,450g(3.20lb)

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## Certifications & Standards

Environment	IEC 60529 IP52, IEC 62262 IK10
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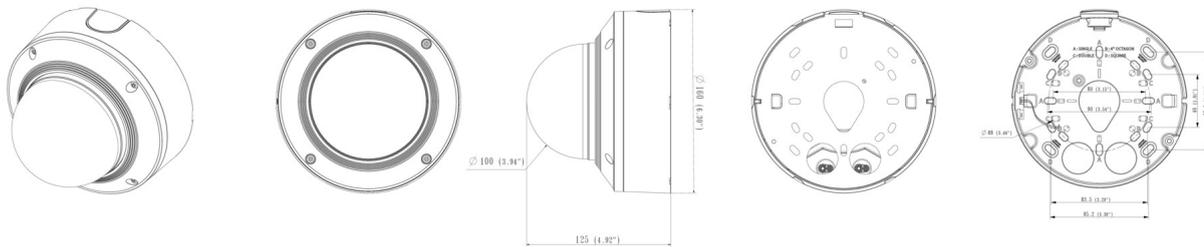
## CAD

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

