



Network

Dome

XND-8081REV

5MP IR PoE Extender Dome Camera



Key Features

- Max. 5MP resolution
- PoE Extender (Main cam, extension cam)
- PoE out :Max. 12.95W@80m
- 3.9~9.4mm(2.4x) motorized varifocal
- 0.07Lux@F1.3 (Color), 0Lux (B/W, IR LED on)
- IR viewable length 50m
- Day & Night (ICR), WDR (120dB)
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- Business Intelligence(People counting, Queue management, Heatmap)
- DIS and shock detection with built-in gyro sensor
- Modular structure, PoE+ in/PoE out
- 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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Specifications

Video

Imaging Device	Size	1/1.8"
	Type	CMOS
Resolution	2560x1920, 2560x1440, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x640, 640x360, 320x240	
Max. Framerate	H.265/H.264	30fps/25fps(60Hz/50Hz)
	MJPEG	30fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.07
	BW(1/30sec, 30IRE)	0.007
Video Out	CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B	

Lens

Focal Length (mm)	3.9~9.4	
Zoom Ratio	Optical	2.4x
Max Aperture Ratio (F number)	Wide	1.3
Angular Field of View	Horizontal	92.1°~38.7°
	Vertical	67.2°~29.0°
	Diagonal	119.9°~48.6°
iFoV	Non	
Min. Object Distance	0.5m(1.64ft)	
Focus Control	Simple focus	
Lens Type	DC auto iris, 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)		120
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	Rectangular 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
Audio In		Selectable(mic in/line in)
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, 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	Metal shielded 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
Bitrate Control	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, SRTP(TCP, UDP Unicast), PIM-SM
Application Programming Interface	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform

Security

User authentication	Digest authentication
Network authentication	IEEE 802.1X(EAP-TLS, EAP-LEAP)
Secure Communication	HTTPS
Access Control	IP-based access control
Audit	Access / System / Event Log management
Device ID	Device certificate(Hanwha Vision Root CA)

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)
Power Consumption	PoE	Max 25.5 W (Main CAM + Extension CAM) Typical 10.2W (Main CAM)
	Others	* PoE Out: Max 12.95W at 80meters using CAT5/5E cable

Mechanical

Color	White
Material	Aluminum
RAL Code	RAL9003
Product Dimensions	Ø160x125mm(6.30x4.92")
Product Weight	1.45kg(3.20 lb)

Certifications & Standards

Environment	IEC 60529 IP52, IEC 62262 IK10
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DORI (EN62676-4 standard)

Detect (25PPM/ 8PPF)	Wide	49.4m(162.07ft)
	Tele	146m(479.00ft)
Observe (63PPM/ 19PPF)	Wide	19.7m(64.63ft)
	Tele	58m(190.29ft)
Recognize (125PPM/ 38PPF)	Wide	9.9m(32.48ft)
	Tele	29m(95.14ft)
Identify (250PPM/ 76PPF)	Wide	4.9m(16.08ft)
	Tele	15m(49.21ft)

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CAD

Unit: mm [inch]

