



Network

Dome

XNV-6081

2M H.265 Dome Camera



Key Features

- Max. 2Megapixel resolution
- 0.015Lux@F1.4 (Color), 0.0015Lux@F1.4 (B/W)
- Day & Night (ICR), WDR (150dB)
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- Modular structure, PoE, 12VDC, 24VAC (Optional)
- IP66/IP67, IK10+, NEMA4X

Compatible Devices



SBC-180B



SBP-300LMW



SBP-300WMW1



SBP-300KMW



SBP-300BW



SBP-300PMW



SBP-300WMW



SBP-390WMW2



SPB-VAN85W



SBP-300NBW



SBP-300CMW



SBP-187HMW

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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, Manual	
Lens Type	DC auto iris, P iris	

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
Digital PTZ		Support
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)
Audio Out		Line out

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
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, 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

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

General

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

Environmental & Electrical

Operating Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
	Others	Start up should be done at above -35°C
Storage Condition	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
Input Voltage		PoE(IEEE802.3af, Class3), 24VAC, 12VDC
Power Consumption	PoE	Max 7.0W, typical 4.90W
	12VDC	Max 5.4W, typical 3.70W
	24VAC	Max 7.1W, typical 4.90W

Mechanical

Color	White
Material	Aluminum

Mechanical

RAL Code	RAL9003
Product Dimensions	ø180x125mm(7.09x4.92")
Product Weight	1,450g(3.20lb)

Certifications & Standards

Environment	IEC 60529 IP66, IEC 60529 IP67, ISO 20653 IP6K9K, IEC 62262 IK10+, NEMA 250 type 4X
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CAD

Unit: mm [inch]

