



Network

Dome

XNV-6123R

2MP AI IR Vandal Dome Camera



Key Features

- Maximum 2MP resolution
- 0.03Lux@F1.6 (Color), 0Lux (B/W, IR LED on)
- Day & Night (ICR), WDR (150dB)
- Hallway View, WiseNR II (Based on AI engine), WiseStreamIII (Based on AI engine) Support
- Analytics events based on AI engine (NPU) : Object detection (Person/Face/Vehicle - car, truck, bus, bicycle, motorcycle/License plate)
- Analytics events : Defocus detection, Motion detection, Tampering, Fog detection
- Audio detection, Sound classification, Shock detection, Appear/Disappear
- PoE, 12VDC
- IP66/IP67/IP6K9K, NEMA4X, IK10+

Compatible Devices



SBP-180HMMW1



SBV-180WW



SBP-150CMI



SBP-300CMI



SBP-300CMW1



SBP-900CMW



SBP-300CMTW



SBP-300CMTS



SBP-300WMW



SBP-300WMW1



SBP-390WMW2



SBD-180PMW



SBP-300PMW2



SHD-1370FPW

XNV-6123R

2MP AI IR Vandal Dome Camera



Specifications

映像

Imaging Device	サイズ	1/2.8"
	タイプ	CMOS
解像度	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	
Max. Framerate	H.265/H.264	120fps/100fps(60Hz/50Hz)(WDR off) / 60fps/50fps(60Hz/50Hz)(WDR on)
	MJPEG	30fps
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.03
	BW(1/30sec, 30IRE)	0.003
Video Out	CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B. Preview and installation ONLY. Requires WiFi dongle.	

レンズ

Focal Length (mm)	5.2~62.4	
Zoom Ratio	Optical	12x
	Digital	32x
Max Aperture Ratio (F number)	Wide	1.6
	Tele	3.0
視野角度	Horizontal	55°~5°
	Vertical	33°~3°
	Diagonal	62°~6°
Min. Object Distance	2.1m(6.89ft)	
Focus Control	Oneshot AF, フォーカス保存	
Lens Type	DC auto iris	

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	Pan	0°~360°
	Tilt	0°~80°
	回転	0°~355°
シーケンス	Preset(300ea)	

技能

Day & Night		Auto(ICR)
Backlight Compensation		BLC, HLC, WDR, SDDR
Wide Dynamic Range (dB)		150
Digital Noise Reduction		WiseNR II (Based on AI engine), SSNR V
Digital Image Stabilization		Support(built-in gyro sensor)
曇り除去		サポート
モーション検知	Quantity	8ea
	Shape	8point Polygonal zones
Privacy Masking	Quantity	32ea
	Shape	4point Quadrangle zones
	Color / Option	灰色, 緑, Red, 青, 黒, 白, モザイク
ゲイン制御		オフ, 最大ゲイン, 手動
ホワイトバランス		ATW, NarrowATW, AWC, 手動, 室内, 屋外
LDC		Support(Fill/stretch mode)
Electronic Shutter	モード	最小, 最大, アンチフリッカー, Prefer shutter control(Based on AI engine)
	Speed Range	2~1/12,000sec
ビデオ回転		FLIPモード, ミラー, Hallway view(90°/270°)
Alarm Interface	In/Out	2 configurable I/O ports
	その他	12VDC output
Alarm Triggers		分析, ネットワーク切断, アラーム入力, アプリケーションイベント, タイムスケジュール, MQTT購読
Alarm Events When Alarm Trigger Occurred		File upload(image): e-mail/FTP/SFTP, File upload(video clip): FTP/SFTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers,アラーム出力, Handover: PTZ preset,send message by HTTP/HTTPS/TCP,Audio clip playback, MQTT: publication
オーディオ入力		Selectable(mic in/line in)
オーディオ出力		Line out
Light Type		IR LED
Light Viewable Length	IR	WiseIR 90m(295.28ft)
IR Wavelength		850nm

分析

Classified Object Type		人, 顔, 車両, ナンバープレート
属性	車両	Type(car, bus, truck, motorcycle, bicycle)
サムネイル		DetectionShot

分析

分析イベント	Based on AI Engine	対象物検知, 仮想線 (交差・方向) , 仮想領域 (ロータリング、侵入、Enter、Exit) , モーション検知
	通常	焦点ぼけ検知, タンパリング, フォグ検出, 音声検出, サウンド分類, 衝撃検知, Virtual area(Appear/Disappear)

ネットワーク

Ethernet		Metal shielded RJ-45(10/100/1000BASE-T)
映像圧縮		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		手動, WiseStreamIII
ビットレートコントロール		H.265/H.264: CBR or VBR, MJPEG: VBR
Streaming	Unicast	最大 20ユーザー
	マルチキャスト	サポート
	Multiple Streaming	最大 10プロファイル
プロトコル		IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SFTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT
Application Programming Interface	ONVIF	s, G, T, M
	その他	SUNAPI(HTTP API), Hanwha Vision Open Platform
Direct Cloud Connection		サポート

セキュリティ

OS / Firmware Protect		Encrypted firmware, Secure boot, Signed firmware
ユーザー認証		ダイジェスト認証, Prevent brute-force attack
Network authentication		IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)
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
デバイスID		Device certificate(Hanwha Vision Root CA)
Secure Storage		TPM(Trusted platform module), HTPM(Hanwha Trusted Platform Module), SDcard partition encrypt(AES-256)
Security Certificate		TPM 2.0 with FIPS 140-2 level2

一般

メモリ	RAM	2GB
	フラッシュ	512MB
Edge Storage	Micro SD/SDHC/SDXC	Max. 512GB x 2slot(Total 1TB)

一般

Edge Storage(OnCloud)	Micro SD/SDHC/SDXC	Max. 1TB x 2slots (Total 2TB) *Hanwha Vision branded microSD cards have been certified and recommended for OnCloud edge recording.
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Environmental & Electrical

動作条件	温度	-40°C~+60°C(-40°F~+140°F)
	湿度	0~100% RH(condensing)
	その他	Start up should be done at above -30°C, Humidity control with AIR vent
保管条件	温度	-50°C~+60°C(-58°F~+140°F)
	湿度	0~90% RH(non-condensing)
Input Voltage		PoE+(IEEE802.3at, Class4), 12VDC
消費電力	PoE	Max 19.5W, typical 15.5W
	12VDC	Max 16.5W, typical 13.1W
電源フェールオーバー		サポート

Mechanical

カラー	白
材料	アルミニウム, Hard-coated dome
RAL Code	RAL9003
Product Dimensions	ø180x138mm(7.09x5.43")
Product Weight	2,130g(4.70lb)
Compatible Conduit Hole	19.1mm(3/4")(M25)
Compatible Gang Box	シングル, Double, 4" Octagon, 正方形

Certifications & Standards

EMC	FCC 47 CFR 15 Subpart B Class A, ICES-3(A)/NMB-3(A), CE/UKCA - EN55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3, VCCI CISPR 32 Class A, RCM AS-NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835
Safety	UL 62368-1, CAN/CSA C22.2 NO. 62368-1, IEC 62471
環境	IEC/EN 63000, IEC 60529 IP66, IEC 60529 IP67, ISO 20653 IP6K9K, IEC 62262 IK10+, NEMA TS 2-2013 (2.2.7, 2.2.8, 2.2.9), NEMA 250 type 4X

DORI (EN62676-4 standard)

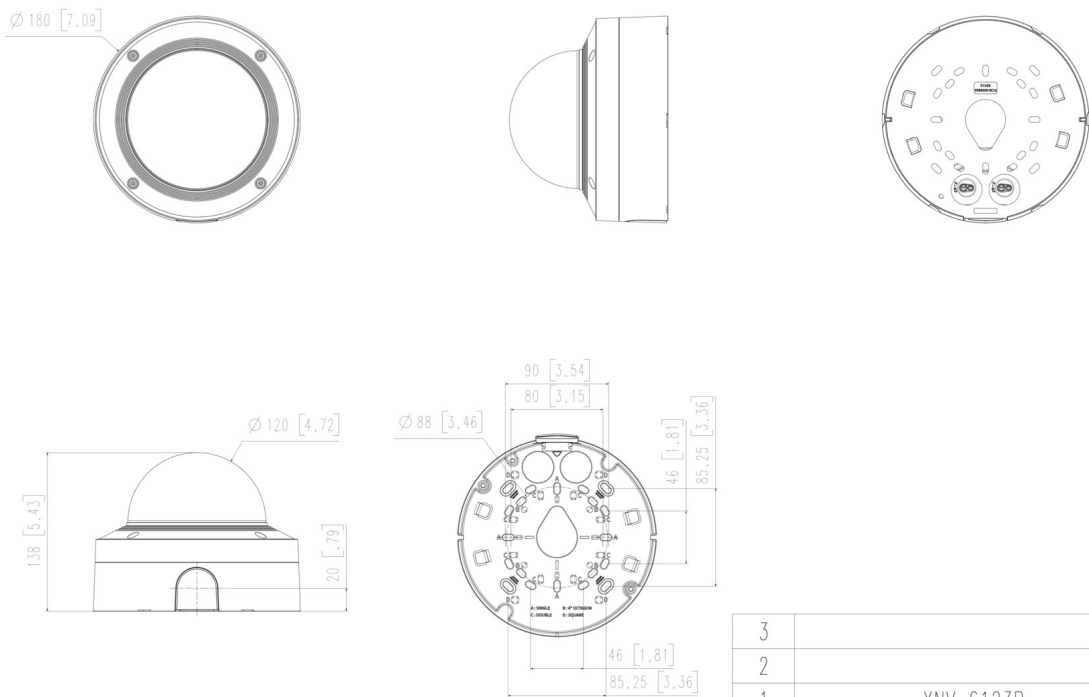
Detect (25PPM/ 8PPF)	Wide	73.8m(242.01ft)
	Tele	879.5m(2885.51ft)
Observe (63PPM/ 19PPF)	Wide	29.5m(96.81ft)
	Tele	351.8m(1154.21ft)
Recognize (125PPM/ 38PPF)	Wide	14.8m(48.40ft)
	Tele	175.9m(577.10ft)
Identify (250PPM/ 76PPF)	Wide	7.4m(24.20ft)
	Tele	88.0m(288.55ft)

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CAD

Unit: mm [inch]



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2		
1	XNV-6123R	'21.09.28
No.	MODEL NAME	DATE
Unit:mm[inch] SCALE:1/1 Hanwha Techwin		