

Technical Specifications

STARVIS 5MP IR Dome IP Camera

FOR INTERNAL/EXTERNAL APPLICATION

- 5MP at 30fps
- H.265, H.264 and MJPEG video compression
- WaveIR: Advanced Smart IR low light Performance
- Remote Zoom & Focus Motorized lens
- WaveCapture: Smart Advanced Wide Dynamic Capture for high details in challenging conditions
- WaveStream: Smart Compression Technology based on bit rate Control, ROI
- WaveVCA*: Intelligence built-in Camera Analytics
- 12V DC & Power Over Ethernet (IEEE 802.3af)
- IP 66 & IK10 Environmental Housing



CAMERA	
Model	IP-30303LDO Outdoor, Motorized Focus & Zoom lens
Image Sensor	SONY STARVIS EXMOR 1/2.8" 5.14M CMOS
Effective Pixels	2592(H) x 1944(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	P-IRIS
Minimum Illumination	Color: 0.08 Lux / B/W : 0 Lux (IR LED On)
Lens	2.7 – 13.5 mm, F1.4
Angle of View	Dimension: Approx. 109° (Wide) to 39° (Tele) Horizontal: Approx. 85° (Wide) to 31° (Tele) Vertical: Approx. 62° (Wide) to 24° (Tele)
Shutter Speed	Auto / Manual (1/15 ~ 1/60000), Slow Shutter(off, 2x~8x)
Day & Night	True Day & Night (Removable IR-cut filter)
Wide Dynamic Range	True WDR, 120 dB or above
Smart Capture Technology	WaveCapture: Smart Advanced Wide Dynamic Capture for high details in challenging conditions
S/N Ratio	50 dB
IR ILLUMINATOR	
Smart IR	WaveIR :- Advanced Smart IR
IR Working Distance	80ft
VIDEO	
Video Compression	H.265, H.264, MJPEG

Profile	H.264: MP / HP, H.265: MP
Multiple Profile Streaming Performance	4:3Mode: 2592x1944/30 + 480p30 with H.264, H265 + MJPEG 16:9 Mode: 1440p30 + 480p30 with H.264, H265 + MJPEG
Max Resolution	2592 x 1944
Video Bit Rate	100Kbps ~ 10Mbps Multi-rate for Preview and Recording
Bitrate Control	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)
Digital Noise Reduction	3D-DNR
Privacy Mask	16 programmable zones
Special Features	Wavestream: Smart Compression Technology based on bit rate Control- Region of Interest
Other Image Processing	Configurable Exposure, White Balance, Sharpness
AUDIO	
Audio Streaming	Two way
Audio Compression	G.711
Audio Input	1[1.0Vrms, 3K ohm]
Audio Output	1
DI/DO	1/1
EVENT	
Event Trigger	Motion Alarm, Temperature critical, Network disconnection

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Smart Edge Analytics*	WaveVCA: Intelligence built-in Cameras Analytics*
Pre-Post Recording	Pre: 1~5 sec Post: 1~240 sec
Event Notification	FTP, E-mail, Alarm-out, SD card
Storage	1x microSD / microSDHC / microSDXC (card not included)
NETWORK	
Ethernet Standard	10 / 100 Base-T
Protocol	TCP/IP, UDP, AutoIP, RTP(UDP/TCP), RTSP, NTP, HTTP, HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2/v3(MIB-2), ONVIF
Security	HTTPS(SSL), IP filtering, 802.1x, Digest Authentication
Plug In	ONVIF Profile S, CGI API
GENERAL	
Material	Aluminum Die-casting, White
Housing Environmental Rating	IP66
Housing Impact Rating	IK10
External I/O Terminals	1 x Alarm In / 1 x Alarm Out
Power Source	DC12V, PoE (IEEE 802.3af)
Power Consumption	DC12V Max 7.4W, PoE Max 8.7W
Operating Conditions	Humidity 10 ~ 90% RH (non-condensing) [DC12V / PoE] -20°C ~ 50°C (-4°F ~ 122°F)
Approvals	FCC, CE, ROHS, BIS
Weight	0.51 kg
Dimensions (D x H)	Ø125mm x 92mm

WaveVCA: Intelligence built-in Cameras Analytics

Basic features

Analytics Engine VCA Technology's advanced tracking algorithm with rich library of detection behaviors

Detection Zones and Rules 40 zones (Multi-segment Polygons and Lines) in total, 60 rules in total as standard

Intrusion Detection Detection of the presence of an object

Tamper Detection Supported as standard

Basic features*



Intrusion Detection



Zones & lines



Tamper Detection



Camera Shake Cancellation

Optional features*



Appear & Disappear Filter



Stopped Filter



Dwell Filter



Enter & Exit Filters



Tailgating Filter



Speed Filter



3D Calibration



Object Counting



People Tracker



Colour Filter



Abandoned Object Filter



Removed Object Filter



Direction Filter

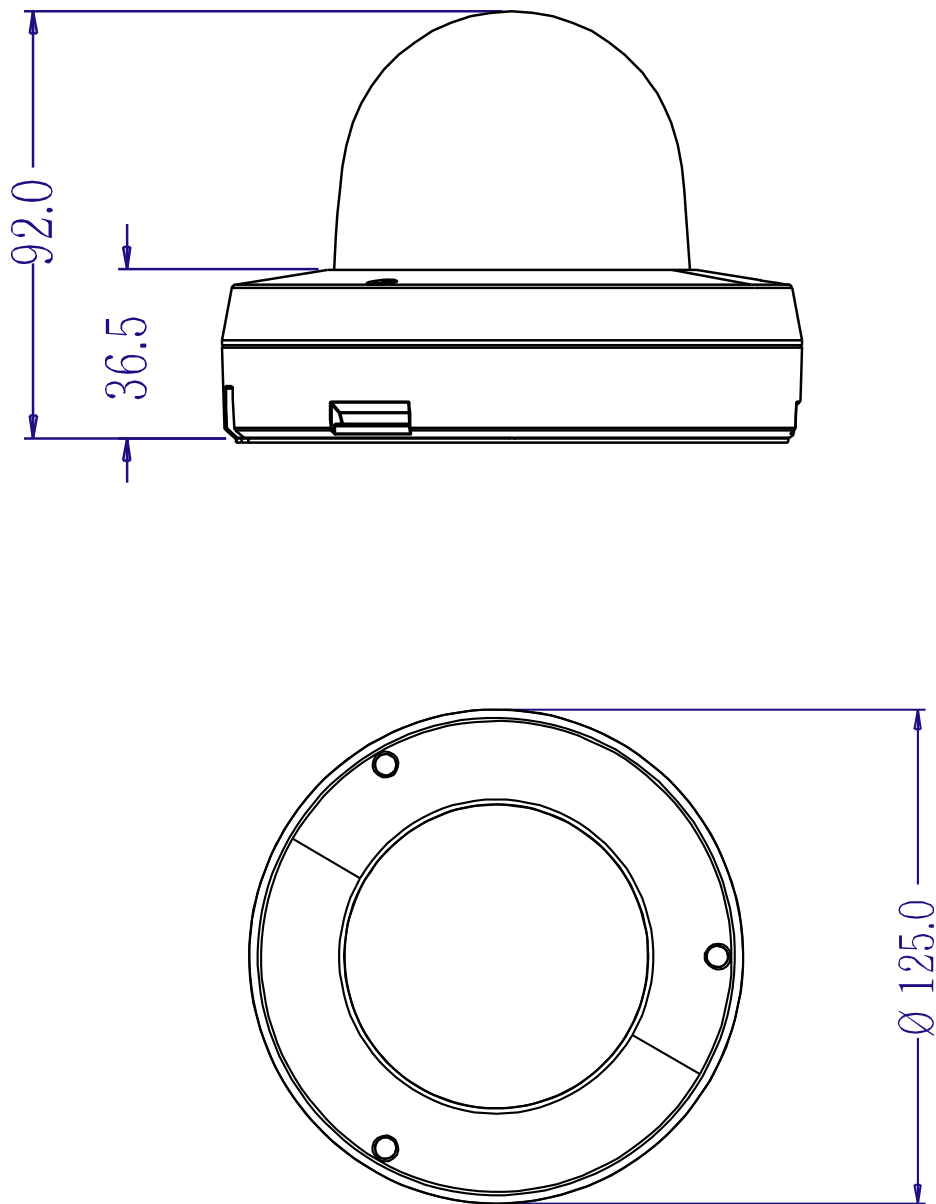


Logical Rules

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Dimensions

(Unit: mm)



Accessories



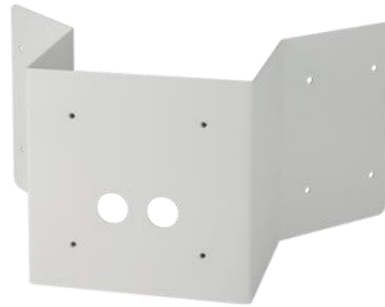
W-BW10



W-BC10



W-BP04



W-BCO04