Technical Specifications

STARVIS 5MP Compact IR Dome IP Camera

FOR INTERAL/EXTERNAL APPLICATION

- 30fps at 5MP

- H.265, H.264 and MJPEG compression

- Superior low light performance

- True Day/Night and WDR

- Wave Stream : Smart Compression Technology based on bit rate Control, ROI

- Wave VCA * : Intelligence Built in Analytics at Camera Level

- Power over Ethernet (IEEE 802.3af)

CAMERA	
Model	IP- 30301LDO
Image Sensor	SONY STARVIS EXMOR 1/2.8" 5M CMOS
Effective Pixels	2592(H) x 1944(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	Auto Exposure
Minimum Illumination	Color : 0.1 Lux / BW : 0 Lux(IR LED On)
Lens	Basic : 2.8mm(F1.8) Options : 4.mm(F2.0), 6.0mm(F2.0), 8.0mm(F2.0)
Angle of View (2.8mm)	Horizontal: Approx. 102.4° Vertical: Approx. 77.4°
Shutter Time	Auto / Manual: 1/30 ~ 1/32,000, Anti-Flicker, Slow Shutter (1/2,1/3,1/5,1/6,1/7.5,1/10)
Day & Night	True Day & Night (Removable IR-cut filter)
Wide Dynamic Range	True WDR,120 dB
S/N Ratio	50 dB

IR ILLUMINATOR	
IR LED	High Power IR LED x 2
IR Working Distance	25m

VIDEO	
Video Compression	H.265, H.264, MJPEG
Profile	H.264 : MP / HP H.265 : MP
Multiple Profile Streaming Performance	2592x1944/30 + 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	SMART Bitrate Control, Region of Interest
Other Image Processing	Configurable Exposure, White Balance, Sharpness
Image Orientation	Flip / Mirror / Corridor Mode

Privacy Mask	16 programmable zones
Special Features	WaveCapture: Smart Bitrate Control, Region of Interest
Other Image Processing	Configurable Exposure, White Balance, Sharpness
Image Orientation	Flip / Mirror / Corridor Mode
Analogue Output	-

AUDIO	
Audio Compression	G.711
Audio input / output	1(Built-in Mic) / 0

EVENT	
Event Trigger	Motion, Temperature critical
Pre-Post Recording	Pre: 1~5 sec Post: 1~240 sec
Event Notification	FTP, E-mail, SD card

NETWORK	
Ethernet Standard	10 / 100 Base-T
IP	IPv4
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 Authetication
Plug In	ONVIF Profile S, CGI API

GENERAL	
Material	Aluminum Die-casting
External I/O Terminals	-
Language on webpage	English
Power Source	DC12V, PoE(IEEE 802.3af)
Power Consumption	DC12V Max 6W, PoE Max 7.2W
Operating Conditions	Humidity 10 ~ 90% RH (non-condensing) [DC12V / PoE] -30°C ~ 50°C (-22°F ~ 122°F)
Approvals	FCC, CE, IP67, IK10
Weight	0.4 kg
Dimensions (W x H)	Ø105mm x 60.7mm

EDGE STORAGE	
Storage	1x microSD / microSDHC / microSDXC(card not included)

WAVEVCA: Intelligence Bult- in Cameras

Basic features

Analytics Engine WVCA 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

Optional features

Detection Behavior Enter, Exit, Appear, Disappear, Stop, Direction, Dwell filter, Abandoned/Removed object filter, Tailgating

Logical Rules Extends standard rules to allow various combinations of the inputs

3D Behavior Perspective Corrected Size and Speed Filters

Object Classification - Configured Max./Min. object sizes and Max./Min. speeds

Counting Line High accuracy people and vehicle counting, 20 counters in total

Meta Data JSON format, Plain XML format

Basic features

| Intrusion Detection | Zones & lines | Tamper Detection |

Optional features

| Appear Filter | Disappear Filter | Dwell Filter | Enter Filter |

| Exit Filter | Stopped Filter | Counting | Counting Lines |

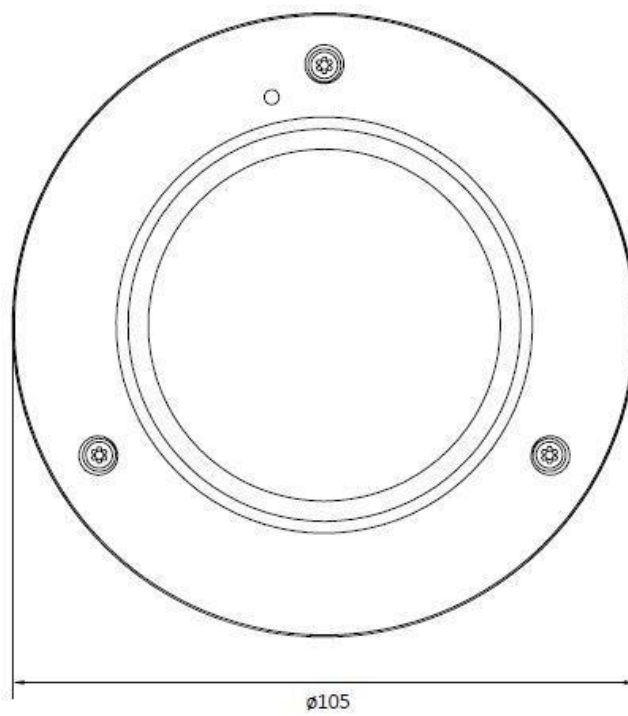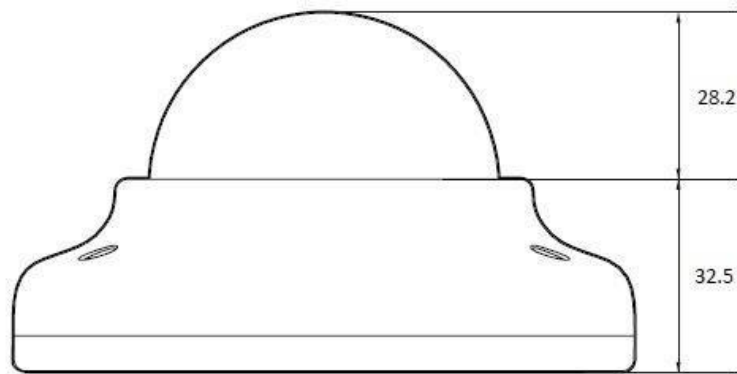| Tailgating Filter | 3D Calibration | Abandoned Object Filter | Removed Object Filter |

| Direction Filter | Logical Rules |

Technical Specifications

Dimensions

(Unit: mm)

28.2

32.5

ø105

BW11

BC11

BP01

BCO01