

Technical Specifications

STARVIS 2MP Compact IR Dome IP Camera

FOR INTERNAL/EXTERNAL APPLICATION



- Full HD 1080p 30fps
- H.265, H.264 and MJPEG video compression
- WaveIR: Advanced Smart IR low light Performance
- 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-30201LDI
Image Sensor	SONY STARVIS EXMOR 1/2.8" 2.1M CMOS
Effective Pixels	1945(H) x 1109(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	Auto Exposure
Minimum Illumination	Color : 0.03 Lux / BW : 0 Lux(IR LED On)
Lens	2.8 mm, F2.0
Angle of View	Horizontal: Approx. 115.0° Vertical: Approx. 64.0°
Shutter Speed	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 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	60ft

VIDEO	
Video Compression	H.265, H.264, MJPEG
Profile	H.264 : MP / HP H.265 : MP
Multiple Profile Streaming Performance	1080p30 + D1(704x480 or 704x576) p30 with H.264, H.265 + MJPEG
Max Resolution	1920 x 1080
Video Bit Rate	100Kbps ~ 10Mbps Multi-rate for Preview and Recording
Bitrate Control	Multi Streaming CBR/VBR at H.264 (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

EVENT	
Event Trigger	Motion Alarm, Temperature critical, Network disconnection
Smart Edge Analytics*	WaveVCA : Intelligence built-in Cameras Analytics*
Pre-Post Recording	Pre: 1~5 sec

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	Post: 1~240 sec
Event Notification	FTP, E-mail, 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
Housing Environmental Rating	IP66
Housing Impact Rating	IK10
Power Source	DC12V, PoE(IEEE 802.3af)
Power Consumption	DC12V Max 3.7W, PoE Max 5.5W
Operating Conditions	Humidity 10 ~ 90% RH (non-condensing) [DC12V / PoE] -20°C ~ 50°C (-4°F ~ 122°F)
Approvals	FCC, CE, ROHS, BIS
Weight	0.36 kg
Dimensions (W x H)	Ø105mm x 60.7mm

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

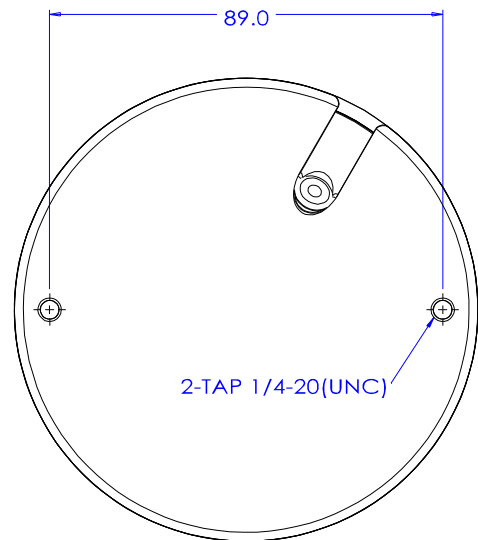
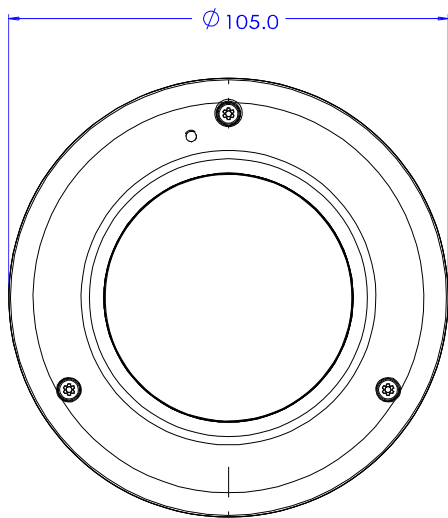
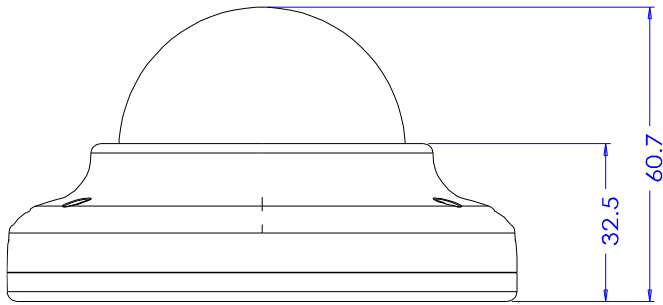


Logical Rules

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Dimensions

(Unit: mm)



Accessories



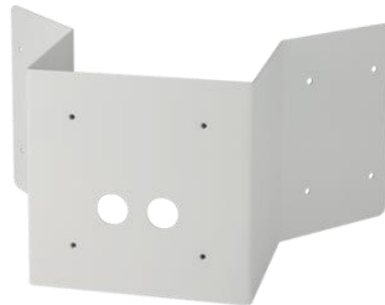
W-BW11



W-BC11



W-BP04



W-BC004