WAVESYS
EVOKING TRUST

Affordable Series
IP-10 Camera Series

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STARVIS 5MP Compact
# IR Dome IP Camera
IP-10301LDO

3 YEAR WARRANTY

About the Camera : IP 10 Series cameras are affordable latest camera series by Wavesys. It is built on advanced system-on-chip technology from California based company Ambarella and Sony Starvis Sensors. The IP 10 series cameras are integrated with Wavesys Open Platform Enterprise Level Video Management Software WVMS. Wavesys is a video-based business intelligence leader with deep knowledge of different applications of intelligent video across distinct verticals.
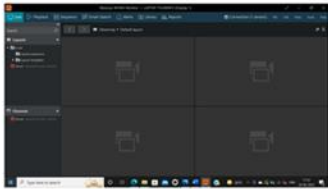
Key Features

- Full HD 5 MP@30FPS

- True Day/Night &WDR

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

- Power over Ethernet (IEEE 802.3af)

- H.265, H.264 and MJPEG compression

- WaveIR*: Smart IR technology

- IP67 & IK10 Environmental Housing

- CE, FCC, BIS & RoHS Certification

Application
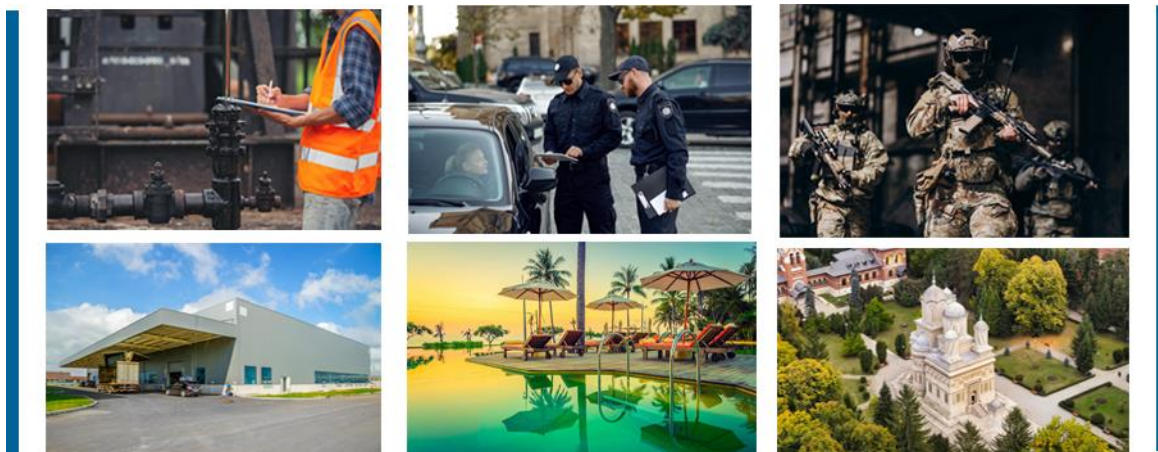
Key features of WVMS

WVMS Professional - Monitoring Console

WVMS Enterprise – Wall & Redundancy

WVMS Facial Recognition Module

WVMS Video Content Analytics



WVMS License Plate Recognition

WVMS Mobile Application

Specification

CAMERA	
Model	IP-10301LDO
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
Minimum Illumination	Color : 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	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	Digital WDR
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	25m,depend upon object size

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	WaveStream: Smart Compression Technology based on bit rate Control- Region of Interest
Other Image Processing	Configurable Exposure, White Balance, Sharpness
Image Orientation	Flip / Mirror / Corridor Mode

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

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

NETWORK	
Ethernet Standard	10 / 100 / 1000Base-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 Authentication
Plug In	ONVIF Profile S, CGI API

GENERAL	
Material	Aluminum Die-casting, White
External I/O Terminals	N/A
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, RoHS,BIS,IP67,IK10
Weigh	0.4kg
Dimensions (D x H)	Ø105mmx 60.7mm

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

Dimensions

28.2

32.5

ø105
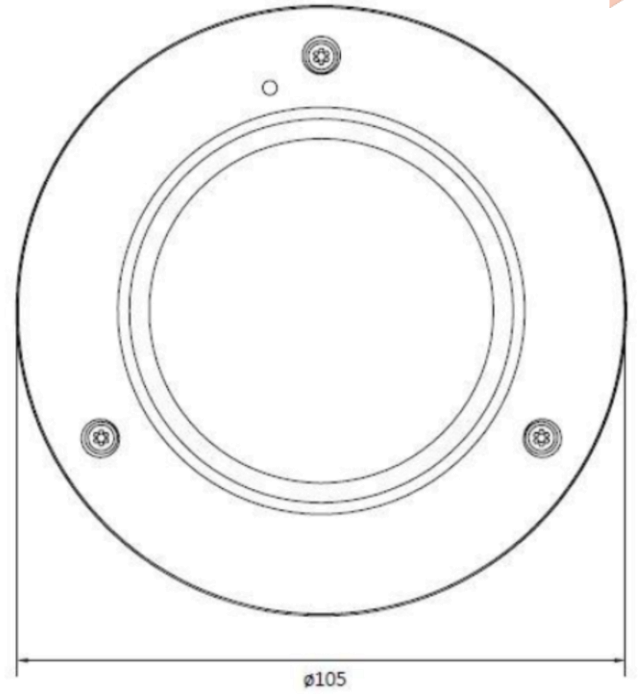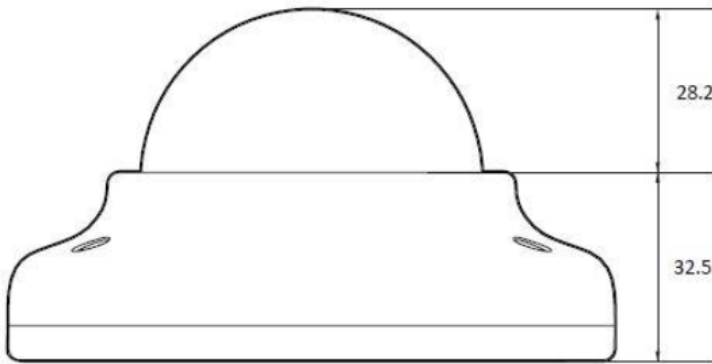
ACCESSORIES

BW11

BC11

BP01

BCO01