

Clear Sight Clearer Insight

HD IP CAMERA SERIES IPM65A02-7311IR

STARVIS 2MP IR Bullet IP Camera FOR EXTERIOR APPLICATIONS

- Full HD 1080p 30fps
- H.265, H.264 and MJPEG compression
- Superior low light performance
- Remote zoom and focus lens (auto-focus)
- SMART Bitrate Control and Region of Interest
- Power over Ethernet (IEEE 802.3af)



CAMERA	
Model	IPM65A02-7311IR
Image Sensor	SONY STARVIS EXMOR 1/2.8" 2.13M CMOS
Effective Pixels	1920(H) x 1080(V)
Scanning System	Progressive scanning
AGC Control	Auto
IRIS Type	P-IRIS
Minimum Illumination	Color: 0.02Lux /B/W : 0 Lux (IR LED On)
Lens	2.8 – 12.0 mm, F1.4
Angle of View (2.8mm)	Horizontal: Approx. 96°(Wide) to 35° (Tele)
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	TrueWDR, 120 dB or above
S/N Ratio	50dB

IR ILLUMINATOR	
IRLED	6 x High Power LED
IR Working Distance	40m

VIDEO	
Video Compression Profile	H.265, H.264, MJPEG H.264 : MP / HP. And 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 (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
Analogue Output-	1 (Installation only) CVBS 1.0V p-p (75Ω), 4:3 aspect ratio

AUDIO	
Audio Streaming	Two way
Audio Compression	G.711
Audio input / output	1 / 1

EVENT	
Event Trigger	Motion Alarm, Temperature critical, DI
Pre-Post Recording	Pre: 1~5 se Post: 1~240 sec
Event Notification	FTP, E-mail, Alarm-out, 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 Authentication
Plug In	ONVIF Profile S, CGI API

GENERAL	
Material	Aluminum Die-casting, White
External I/O Terminals	1 x Alarm In / 1 x Alarm Out
Language on webpage	English
Power Source	DC12V, PoE(IEEE 802.3af)
Power Consumption	DC12V Max 8.9W, PoE Max 10.3W
Operating Conditions	Humidity 10 ~ 90% RH (non-condensing) [DC12V/PoE] -40°C ~ 50°C (-40°F ~ 122°F)
Cold Start	Supported
Approvals	FCC, CE, IP67
Weight	0.9kg
Dimensions (W x H)	247.2mm x 96.7mm

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



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You're Jogan Safe

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VIDEO 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

Optional Features

Detection Behavior

Enter, Exit, Appear, Disappear, Stop, Direction, Dwell filter, Speed filter*1, Abandoned/Removed object filter, Tailgating, Color Filter*1

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

People Tracking*1

Tracks individuals separately among overlapped multiple people

Counting Line

High accuracy people and vehicle counting, 20 counters in total

Meta Data

JSON format, Plain XML format

*1: Please check the availability with your account manager.

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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