



## IVA Waterproof IR Bullet Network Camera

# IR-5MIPA03

IVA | H.265 | True WDR | 5MP@15fps | Motorized Lens | Tampering alarm | Smart IR | IK10

### Overview

i-View has designed the IR-5MIPA03 IVA(Intelligent Video Analytics) IR Bullet Network camera with the processing power needed to support high-performance edge analytics. This makes it possible to create scalable intelligent video solutions for a wide range of video surveillance systems with varying requirements. The video analytics include several integrated video analytics that runs in the camera such as Cross Line Detection is a trip-wire application that detects objects crossing a virtual line, making it possible to automatically detect intrusions and to trigger alarms accordingly.

i-View IR-5MIPA03 also featuring a detailed 5-Megapixel resolution with H.265 high-efficiency compression technology, offering 15 fps frame rate and True WDR enhancement for unparalleled visibility in extremely bright and dark environments, as well as for installers to properly adjust the focus of a megapixel network camera can be difficult due to the image detail, the Smart Focus function makes installation and adjustment easier. The weather resistance features are brilliant for indoor and outdoor surveillance, plus shock detection, impact resistance with IK10, waterproof IP66 rating and the ability to withstand temperatures from -30° C to 55° C, it delivers impressive results outdoors and in harsh environments.

### Features

- Onvif compliant and RTSP protocol support.
- Advance H.265 ULCR compression save 60~80% bandwidth and storage size compare with H.264.
- Support multi IVS (Intelligent Video Analysis) function.
- Search and playback the video clips of SD card from Web Browser.
- Auto alarm when SD card and Network failed, IP conflict, Illegal access.
- Support export/import/restore system configuration for backup purpose.
- Built -in sound detection when abnormal audio such as Gunshot, explosion, Baby Crying received will trigger event alarm.
- Removable IR-cut filter supports for Day & Night application used.
- Quick Zoom® simple Zoom and Auto-Focus adjustment remotely.
- Smart IR Illuminators adjust the IR LED light across the entire area to get a well illuminated image, effective up to 30 meters.
- Vandal-proof IK10-rated, IP 66 Weather-proof rated Housing.
- True WDR Enhancement for Unparalleled Visibility in Extremely Bright and Dark Environments.
- H.265/H.264 /MJPEG multiple simultaneous streams.
- On-camera motion detection and privacy mask.
- Pixel Counter and FPS display on the video for image clarity measurement to get the optimum video quality and file size.
- Virtual ePTZ for efficiency surveillance.
- ROI (Region of Interest) encoding is used to enhance the quality of images which are specified in advance.
- Adjustable auto reboot schedule by day, weekly, once and disable.
- Wide operation temperature (-30° C ~ 55° C) rage.

### Accessories



EPOC-131Kit  
Eth/PoE Extender



IP-0910W  
Outer Wall Bracket

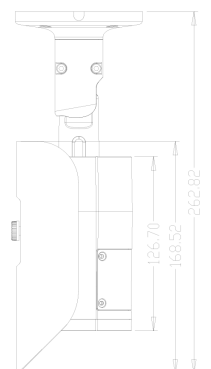
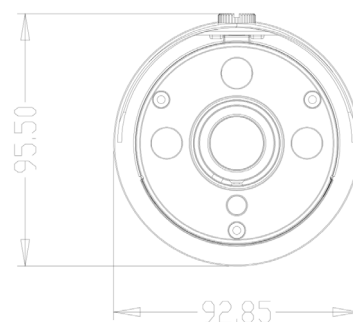


IP-010PH  
Pole mount bracket



IP-0191W  
Inner Wall Bracket

### Bracket Assembly



## Specification

<b>Platform</b>	High performance DSP; 512MB Flash; 1024MB DDR II RAM and Linux 2.6 Embedded O.S.	<b>Resolution</b>	Streaming 1: 2592x1944, 2592x1520, 2560x1440, 2048x1520, 1080P, 960P, 720P, 720x576, 640x480, 640x360, 352x288 Streaming 2: 720x576, 640x480, 640x360, 352x288 Streaming 3: 2592x1944, 2592x1520, 2560x1440, 2048x1520, 1080P, 960P, 720P, 720x576, 640x480, 640x360, 352x288
<b>Image Device</b>	1/2.8" 5MP progressive scan CMOS sensor.	<b>Control</b>	Brightness, Contrast, Saturation, Sharpness, Hue, Exposure, Motion detection, Mirror, Corridor mode, Gamma Shutter, Privacy mask, Flicker less, 3D Noise reduction, Defog, IRIS, AWB, AGC, Backlight, WDR, ROI, ePTZ, Audio gain, Alarm in/out, IVS trigger, IRIS, Network Failed detect, SD card filed detect, FTP, Email, Power Frequency, IP Conflict, Illegal Access, Alarm triggered, Frame/Bit rate display.
<b>Audio</b>	G.711 Ulaw audio encoding and decoding. Support two-way audio. Audio in/out gain adjustable 2Vp-p audio in; 30mw audio output with 600Ω imedance.	<b>Shutter</b>	Slow shutter, Auto / Fixed: 1/1s~1/100,000s
<b>Network</b>	IP4, IP6, HTTP, HTTPS, SSL, TCP, RTSP, UDP, SMTP, FTP, DHCP, DNS, DDNS, NTP, PPPoE, UPnP, Multicast, RTP, RTCP, SNTP, RTMP, ICMP, IGMP.	<b>White Balance</b>	Auto/ Customize/ Incandescent/ Fluorescent/ Warm / Natural
<b>Protocol</b>	RJ-45; 10BASE-T/100 BASE-TX.	<b>Backlight</b>	Off/ Highlight correction/ Backlight correction
<b>Interface</b>	Onvif Profile S compliant	<b>Display Mode</b>	16:9 / 4:3/ Full/ Original size modes.
<b>IVA Functions</b>	Object Counting, Unattended/Missing Object Detection, Loitering Detection, Tripwire Detection. Smart Motion Detection, Color Cast Detection, Lose Focus Detection, Image Expose Detection, Video Loss Detection, Audio Detection, Tamper Detection.	<b>Overlay</b>	Text / Time Stamp; support more than OSD 80 characters, Front type, Front size, position & Color adjustable by user.
<b>Surge Protector</b>		<b>I/O Port</b>	
<b>Power</b>	2KV@1.2/50 μS Common mode	<b>Standard</b>	Audio in x1; Audio out x1; DC power in, RJ-45, SD Card.
<b>Signal</b>	6KV@102/700 μS Differential mode	<b>Option</b>	Alarm in x2, Alarm out x1.
<b>Management</b>		<b>Security</b>	Password Protection, User access log protection.
<b>Time</b>	Manual Time Setting; Time Server, NTP support, DST Bias and Real Time Clock.	<b>Lens &amp; IR LED</b>	
<b>Event Trigger</b>	Events triggered by IVA, sensor with configured schedule.	<b>Lens</b>	Vari Focal: f= 2.8-12mm/F1.4; 6-22mm/F1.4; 5-50mm/F1.4 Motorized: f= 2.8-12mm/F1.4 ; 2.8-12mm/F1.4; 5-50mm/F1.4 P-IRIS or DC-IRIS (Optional).
<b>Event notification</b>	Event notification via Pop up video, move PTZ camera preset, send email and trigger alarm output.	<b>IR Cut</b>	Built in removable IR-cut filter for day & night function
<b>Update</b>	Online Firmware update.	<b>IR Illuminators</b>	3 pieces VCSEL IR Illuminators effective up to 30 meters. Support Smart Auto/Off/Manual IR LED control.
<b>Browser</b>	Internet Explorer 7.0 and above; Chrome, Safari, Firefox with Quick time Plug-In.	<b>Storage</b>	
<b>Video Setting</b>		<b>SD Card</b>	Micro SD slot for SD/SDHC card storage; IVA trigger, Network failed start recording on SD card.
<b>Compress</b>	H.265,H.264 HP/MP/BL, MJPEG encode, CBR/VBR mode	<b>Backup</b>	Backup/Restore to device configuration file to SD or HDD.
<b>Frame Rate</b>	15fps @5MP, 25fps @4MP, 30ps for the rest resolution; ; Frame and bit Rate djustable.	<b>Housing</b>	
<b>Bit Rate</b>	16K - 32M Bits/sec. adjustable resolution, quality and Bitrate.	<b>Case</b>	Aluminum; adjust angle 180° (Pan)/180° (Tilt)/360° (Rotate)
<b>Backup</b>	Import/Export parameters, Restore setup.	<b>Dimensions</b>	263 mm x 95.5 mm x 92.9 mm / 0.9Kg.
<b>S/N Ratio</b>	More than 50dB	<b>Operation</b>	
<b>WDR</b>	≥ 100 dB; True WDR/DWDR/OFF Mode.	<b>Power consumption</b>	Maximum 3W; 9W when IR LED on. Support PoE IEEE 802.3af Class 3; DC12V/AC24 (Optional)
<b>Illumination</b>	Color: 0.05Lux/F1.2 ; B/W: 0.01/F1.2 Lux, 0 Lux IR on.	<b>Temperature</b>	-30° C ~ 55° C; Humidity 20% ~ 80% RH
		<b>Certificated</b>	CE, FCC, RoHS, IP66, IK10

## Diagram



## Order Information

### IR-5MIPA03-Fxxxx-F

F: Alarm in/Out

Vari-Focal Lens: F0312: 2.7-12mm, F0622: 6-22mm, F0550: 5-50mm  
Motorized Lens: M0312: 2.8-12mm, M0312(P): 2.8-12mm,  
M0550: 5-50mm



Tel: 886-3-5103001 Fax: 886-3-5103002  
Email: support@i-view.com.tw  
Website: www.i-view.com.tw