



## 4.0MP IVA 3.6MM IP Camera

4.0MP Warm Light Fixed Bullet IP Camera



AV SERIES

### Description:

Model: AVC-68IP4040BIV

AVC-68IP4040BIV is latest model which adopts 1/2.7-inch back illuminate CMOS image sensor along with HD 1440P. It utilizes advanced video encoder, and web-server to offer S.265, H.265 and H.264 triple coding features. This camera can deliver 2560\*1440@25fps video with true color reproduction & IVA (Intelligent Video Analytics) features set. The camera supports 3D-noise reduction and wide dynamic range (WDR) as well as BLC, HLC features allow this camera to work in different light illumination environments. . Excellent image quality, it can get perfect image in a variety of lighting conditions. It's suitable for Indoor/Outdoor environment where no light at night.

### Key Features:

- 1/2.7" Progressive scan CMOS
- 4MP (2560×1440)/ 3MP(2304×1296)/ 2MP(1920×1080)@ 25fps
- 3.6mm fixed lens
- Dual lights: Warm light 40m, Infrared IR 45m
- Video Analysis (Area intrusion, Absent alarm, Loitering, Line crossing detection, Vehicle tracking & illegal parking, Retrograde detection)
- Built in Human detection algorithm, carry out human detection independently
- Detection frame 5fps, detect 5-10 people at the same time
- Smart H.265/H.265/H.264 high efficiency compression, save bandwidth and storage space
- Support 3DNR and mirror
- Support auto electronic shutter to match different surveillance environment
- Support HTTPS transmission with password
- Support ONVIF, SLINK, Email, NTP service
- Force password revise when initial startup to ensure the password security
- Support Mobile Application, Lite IMS and Professional IMS 4.0 central management software
- Two way audio, Built-in Microphone & Speaker, TF Card Slot (optional)
- 1ch Alarm input, 1ch Alarm output(optional)
- IP67, Metal, DC12V, PoE (Power over Ethernet)

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<b>Camera</b>	<b>AVC-68IP4040BIV</b>
Sensor	1/2.7" Megapixel CMOS sensor
Lens	3.6mm lens
Lens interface	M12
Focal Length & FOV	2.8mm, horizontal FOV 108.3°, vertical FOV 59.9°, diagonal FOV 126.8° 3.6mm, horizontal FOV 89.3°, vertical FOV 47.9°, diagonal FOV 107°
Min. Illumination	Color: 0.001Lux/F1.6, AGC ON, B/W: 0Lux(IR LED ON)
Electronic shutter	1/5 s to 1/100,000 s
S/N Ratio	≥ 52 dB
Day/ Night mode	Auto, Day, Night, Custom
Dual lights	6x Array Led, Warm light (full color at night) 40m, Infrared IR 45m
DWDR	D-WDR (off/low/middle/high)
IR Led Control	Auto/Manual/Off
DNR	Off/Low/Middle/High/Higher
Defog	Off/Low/Middle/High
Mirror	Off/ Horizontal Mirror/Vertical Mirror/180 degree flip
Image Setting	Brightness, Contrast, Sharpness, Saturation, Chroma
General Events	
Motion Detection	Support day arming /night arming mode; Support to configure the customized arm time by week, with 4 time periods per day Support full screen / area detection Linkage setting support: upload mail/voice broadcast alarm/alarm light
Obstruction Alarm	Support day arming/night arming mode; Support to configure the customized arm time by week, with 4 time periods per day Support one detection area Support linkage actions: Upload mail, Voice broadcast alarm, Light alarm
Privacy mask	Support Four areas setting
VCA	
Area Intrusion	Support day arming /night arming mode; Support to configure the customized arm time by week, with 4 time periods per day Support one detection area, and can draw a multi deformation detection area (Detection area is consist of 6 points) Support video stream overlay detection frame Support specified target type detection: human, vehicle (non-motor vehicle also can be detected) Support linkage actions: Upload mail, Voice broadcast alarm, Light alarm
Line-crossing Detection	Support day arming /night arming mode; Support to configure the customized arm time by week, with 4 time periods per day Support one detection line, supports detection directions: A->B Support video stream overlay detection frame

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### VSENSE IP Camera

	Support specified target type detection: human, motor vehicle (non-motor vehicle also can be detected)
	Support linkage actions: Upload mail, Voice broadcast alarm, Light alarm
Wandering/Loitering	Support day arming /night arming mode; Support to configure the customized arm time by week, with 4 time periods per day
	Support one detection area, and can draw a multi deformation detection area (Detection area is consist of 6 points)
	Support video stream overlay detection frame
	Support wandering time setting (10~3600S)
	Support linkage actions: Upload mail, Voice broadcast alarm, Light alarm
Absent Alarm	Support day arming/ night arming mode; Support to configure the customized arm time by week, with 4 time periods per day
	Support one detection area, and can draw a multi deformation detection area (Detection area is consist of 6 points)
	Support video stream overlay detection frame
	Support absent time setting(10-3600S)
	Support at least 1-3 people on duty
	Support linkage actions: Upload mail, Voice broadcast alarm, Light alarm
Vehicle Illegal Parking	Support day arming /night arming mode; Support to configure the customized arm time by week, with 4 time periods per day
	Support one detection area, and can draw a multi deformation detection area (Detection area is consist of 6 points)
	Support video stream overlay detection frame
	Support illegal parking time setting(10-3600S)
	Support linkage actions: Upload mail, Voice broadcast alarm, Light alarm
Vehicle Retrograding	Support day arming /night arming mode; Support to configure the customized arm time by week, with 4 time periods per day
	Support one detection area, and can draw a multi deformation detection area (Detection area is consist of 4 points)
	Support video stream overlay detection frame
	Supports four detection directions, detection line support B->A direction
	Support linkage actions: Upload mail, Voice broadcast alarm, Light alarm
Audio & Video Encoding	
Video Encode Standard	Smart H.265/H.265/H.264
Encoding Feature	Main stream: 4MP(2560*1440)/ 3MP(2304*1296)/2MP(1920*1080) 25fps Sub stream:D1(720*576),VGA(640*480),Q720P(640*360),CIF(352*288)
Video Code Rate	Fixed code rate, variable code rate (Main stream code: 160Kbps-4000kbps)
Video Type	Composited stream/video stream
Audio Standard	G.711u /G.711A 64Kbps
Network Function	

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Protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, RTP, IPv4, DDNS, NTP, PPPOE, UPNP, SMTP, DNS, QoS
Connection Protocol	ONVIF, SLINK, HIK, TST
Preview Video Quantity	5PCS
Security Mode	Authorized user name and password, HTTPS with password, AES connecting with password, RTSP verification
Motion Detection	Setup detection area, multi-level sensitivity available to setup
Obstruction Alarm	Support 1 area setting
Privacy Mask	Support 4 area privacy mask
Schedule Linkage	Upload email/FTP upload picture, Arming time support day arming/night arming/customized arming
Equipment Anomaly Inspection	Support network disconnection alarm, IP conflict alarm, illegal access alarm
Character Overlay (OSD)	Support time OSD/Title OSD, multi-line OSD (two lines), Main stream font support 12-60pt, sub stream font support 12-36pt
Interface	
Network Port	RJ45 10M/100M network self-adjustable
Alarm	/
Audio	Two way Audio, Built in Microphone & Speaker
TF Card slot	Optional
Reset	Optional
General	
Power Supply	DC12V, 0.5A, max. 5W; PoE: 802.3af, max. 6W
Protection	IP67, Metal
Size	181.08(L)x 70.17(W)x58.80(H)mm
Working Temperature	-30°C ~ 60°C
Working Humidity	0% ~90%

### Dimension:

