



Ventek

Model :IPC-680B-HYB-AD

CAMERA



Image Sensor	<u>1/2.8" SONY Starvis Back Illuminated CMOS sensor</u>
Resolution	<u>8MP</u>
Effective pixels	<u>3864(H)*2192(V)</u>
Compression	<u>H.264/H.264+/H.265/H.265+</u>
Audio Compression	<u>G711A/U,AAC,MP2L2</u>
TV System	<u>PAL/NTSC</u>
Electronic Shutter Time	<u>Auto: 1/3-1/100000Sec</u>
Minimum Illumination	<u>Colour: 0.005 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR</u>
S/N Ratio	<u>60dB</u>
Scanning System	<u>Progressive</u>
Video Output	<u>Network</u>
Reset Button	<u>Available</u>

LENS

Focal Length	<u>2.8mm, horizontal FOV 96°, vertical FOV 52°, diagonal FOV 114°</u>
Lens Type	<u>2.8mm</u>
Focus Control	<u>Fixed</u>
Aperture	<u>F1.6</u>
Pixels	<u>8MP</u>

NIGHT VISION

Supplement Light	<u>IR:4PCS, Warm light:4PCS</u>
Supplement Light Distance	<u>IR:50m, Warm Light:40m</u>
Supplement Light Status	<u>Auto Control</u>
Supplement Light Power On	<u>Smart, Manual & Timed Mode</u>

NETWORK

Ethernet	<u>RJ-45 (10/100Base-T)</u>
Wireless	<u>N/A</u>
Protocol	<u>TCP/IP, IPv4/v6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTMP, RTCP, PPPoE, NTP, SMTP, UDP, SNMP, Qos, 802.1x</u>
ONVIF	<u>Support ONVIF 24.12(Profile S/T/G/M)</u>
P2P	<u>YES</u>
POE	<u>Internal, Support IEEE 802.3af</u>
Video Delay	<u>300ms (Within the Lan)</u>
Main Stream 1	<u>3840*2160@25fps</u>

Main Stream 2	<u>2560*1440@25fps</u>
Main Stream 3	<u>1920*1080@25fps 1280*720@25fps</u>
Sub Stream 1	<u>1280*720@25fps</u>
Sub Stream 2	<u>720*480@25fps</u>
Sub Stream 3	<u>N/A</u>
Tri Stream	<u>N/A</u>
IE Brower	<u>Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari</u>
Smart Phone	<u>iPhone, Android</u>





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AI FUNCTION

Intelligent Analysis	Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count(based on human and vehicle detection), Loitering Detection/People Gathering Detection(based on human detection), Motion Detection(supports the detection based on human and vehicle movement), Face Detection (not support other AI functions while enable face detection), Illegal Parking(based on vehicle shape and license plates), License Plate Detection, Abandoned Object Detection, Removed Object Detection, Heat Map
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CAMERA FEATURES

Day/Night	Color/ B&W (IR-CUT)	BLC	Support
Image Config	Saturation/Brightness/Contrast / Sharpness, Mirror, 3D NR , White Balance, Anti Flicker, Video Tampering, HLC, Scene Change	WDR	120dB
Full Colour	Support	Motion Detection	Support(support enable the detection based on human and Vehicle movement)
Corridor Pattern	Support	Privacy Masking	3 Rectangular Zones
Defog Mode	N/A	Recording Mode	NVR/CMS/Web
ROI	Support	Language	Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech

INTERFACE

Audio	Default: Built in Mic+Built in Speaker
Alarm	Default: Alarm I/O
SD Card Slot	External, Support Max 512GB
RS485	N/A

GENERAL

Housing	Metal, IP67
Anti Cut Bracket	NO
IR Cut Filter	YES
Operation Temperature	-30° ~ +60° RH95% Max
Storage Temperature	-20° ~ +60° RH95% Max
Power Source	DC12V±10%, 900mA
Dimension	95 x 88 x 268 mm
Weight	1156g

