

## DH-IPC-HDBW4431R-ZS

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4 M Full HD Vandal-proof IR Network Dome Camera



### Features

The use of ultra low light **4 Mega pixels (2592\*1520)** CMOS image sensor, low light effect, high image clarity

Can output 3 million 30fps (2304x1296), high resolution real-time or high frame rate image output

**Support H.264, High profile H.265**, Main profile H.264, Baseline H.264, MJPEG a variety of encoding formats, can be three streams at the same time output, flexible use of a variety of scenarios

Region of interest (ROI) coding, to ensure that the image quality, saving storage space

Support scalable video coding (SVC) technology, according to the network environment, adaptive transmission rate

Support mobile phone monitoring

Support corridor mode, the application is more flexible

Support wide dynamic, 3D noise reduction, strong light suppression, backlight compensation, suitable for different monitoring environment

The anti light high performance infrared light, to achieve 24 hours all-weather monitoring

**Support POE power (802.3af) /DC12V + 25%** wide pressure power supply, strong resistance to power fluctuations

Support is disconnected from the network, IP conflict, motion detection, video occlusions, mix line invasion, regional invasion, scene change, remaining items / disappear, face detection, hovering detection, gathering, fast moving, vehicle detection intelligent alarm

**Conforms to the IP67 dust and waterproof international standard, meets the IK10 riot standard**

Support three axis adjustment function, realize no dead angle monitoring, convenient construction and installation

**With SD card slot ,SD card function, SD card Max support 128G**

**2.8 mm ~ 12 mm Electric Zoom Lens**

# DH-IPC-HDBW4431R-ZS

## Technical Specifications

Parameter classification	Parameter name	parameter values
model		DH-IPC-HDBW4431R-ZS
system parameter	Main processor manufacturers and models	Ultra high performance processor
video camera	Sensor type	1/3 "4Megapixel progressive scan CMOS Aptina company
	Sensor effective pixels	2592*1520
	Adjustment angle	Level: 0 ° ~355 ° ; vertical: 0 ° ~75 ° ; image flip 0 ° ~355 °
	Electronic shutter	1/3s~1/100000s; can be manual or automatic adjustment
	Minimum illumination	0.01LuxF1.2 (color); 0.001LuxF1.2 (black and white); 0Lux (infrared light open)
	Maximum infrared distance	50 meters
	Day and night conversion	IR-CUT automatic switching
	Scanning mode	progressive scanning
	noise reduction	3D noise reduction
	Wide dynamic	support
	Signal to noise ratio	> 50dB
	gain control	Manual / automatic
	white balance	Manual / automatic
	Backlight compensation	Support, optional area
Strong light suppression	support	
Lens parameter	focal length	2.8 mm ~ 12 mm Electric Zoom Lens
	Lens interface	M12
	Lens aperture	F2.0/F2.0/F2.0
	RIS Mode	fixed
	Zoom type	Fixed focus
	Angle of view	H: 92 ° ~28 °
	Minimum focusing	0.75m/1.1m/2.4m

Audio parameter	Audio input	None
	Audio output	None
	Audio compression standard	G.711a; G.711Mu; AAC
	kbps	8Kbps/16Kbps
Video parameters	Video compression standard	H.265; H.264; H.264H; H.264B; MJPEG
	KBps	8Kbps~32Mbps
	Video frame rate	50Hz: 2560x1440 25fps+D125fps+720P1fps 60Hz: 2560x1440 25fps+D130fps+720p1fps
	Default default code stream	4096kbps (3.5MP)
Alarm parameters	Alarm input	None
	Alarm output	None
	action with alarm	Support no SD card; SD card space shortage; SD card error; network disconnection; IP collision; mobile detection; video occlusion; regional invasion; mix line intrusion; item legacy / disappear; scene change; audio anomaly detection; face detection
function	Image setting	Brightness; contrast; sharpness; saturation; GMM
	OSD information stack	Time; channel; geographic location; picture;
	Image mirroring	support
	heartbeat mechanism	support
	Video mode	Manual video; video recording; video recording; video recording Video priority from high to low in turn is manual / external alarm / video detection / timing
	Storage function	Support network storage; Micro SD card storage, maximum capacity 128GB
	Maximum number of users	20
	Restore default	Support a key to restore the default
	browser	Support IE7; IE8; IE9; IE10; Chrome8+; Firefox3.5+; Safari5+ browser
	user	Maximum support 20 users, multi-level user rights

