

## MStar Chipset 4G / RTMP Support AI Human Recognition Detection & VPN Protocol (OpenVPN / PPTP / I2TP / WIREGUARD)

Model No.: 4G ASP-214 (LENS 4MM)



### Main feature:

- Professional design for HD network camera, small, beautiful, and delicate.
- Material: aluminum alloy and plastic, innovative patented heat dissipation structure, make HD camera works well under high temperature.
- 5.0 megapixel, IMX335 1/2.8"illumination CMOS
- Advanced digital signal processing technology, high brightness imported SMT IR source, show the best HD video effects in both day and night environment.
- 5.0 Megapixel HD CS lens+ IR-CUT auto switch in day and night 4mm fixed lens.
- 18PCS IR LED, effective night vision distance is 20M, excellent performance in dark environment.
- Support 3D DNR, auto white balance, auto electronic shutter, auto electronic gain, real color reproduction, high resolution image.
- Support RTMP (Real-Time Messaging Protocol) to blend audio, video, and text together. It is also possible to have many variations of media channels. For example, it is possible to stream both MP3 and AAC audio streams with RTMP.
- Built-in two way audio ( Mic + Speaker)
- Support AI Human Recognition & Detection Automatic Human Tracking
- Support VPN Protocol (OpenVPN / PPTP / I2TP / WIREGUARD)
- ONVIF protocol.

**Optional back-end products for the system:**

IE browse software, P2P HD remote monitoring management software (one key realize remote control without complicated settings), Embedded HD NVR, NVR control keyboard, CMS HD network surveillance platform management software, High-definition surveillance analysis software.

**Technical parameters:**

<b>Model:</b>		<b>ASP214(4MM)</b>	
<b>Camera</b>	<b>Imaging sensor:</b>	5.0MP , H.265+, Mstar SSC337DE +Sony335,1/2.8" CMOS, Starlight	
	<b>Scanning mode:</b>	Progressive scanning	
	<b>Illumination:</b>	color 0.001Lux@F1.2,black/white 0.0001Lux@F1.2	
	<b>Lens:</b>	5 megapixel 4mm fixed lens.	
	<b>Day and night switch:</b>	IR-CUT dual optical filters auto switch in day and night	
	<b>DNR:</b>	3D-DNR	
	<b>IR source:</b>	18pcs IR Led	
	<b>Effective night vision distance:</b>	20meters (measured value without light condition)	
	<b>4G</b>	YES	
	<b>P2P</b>	YES	
	<b>Waterproof</b>	YES	
	<b>WDR</b>	128db	
	<b>S/N Ratio</b>	50db	
	<b>TF card slot</b>	YES	
	<b>Privacy mask</b>	4	
<b>shutter speed</b>	1/(10-10000)s		
<b>Standard compression</b>	<b>Image compression:</b>	H.264	
	<b>Video compression:</b>	H.265+/H.265/H.264,support dual stream,AVI;32Kbps~30Mbps variable;support CBR/VBR	
<b>Image</b>	<b>Max image size:</b>	2592X1944	
	<b>Frame rate:</b>	Main stream:5MP 2592X1944@15pfs,4MP 2560x1440@25pfs, 3MP 2048*1536@25fps 2.0MP 1920X1080@30fps	
<b>Function</b>	<b>Interface protocol:</b>	HTTP/RTSP/FTP/PPPOE/DHCP/DDNS/NTP/ONVIF2.6,Hikvision private protocol	
	<b>Intelligent alarm:</b>	Motion detection, shadow alarm, network cable break, IP address conflict, AI Human Recognition & Detection Automatic Human Tracking	
	<b>Lightning Protection</b>	Power, network, POE comprehensive lightning protection, in line with national standards GB/T17626.5, the international standard IEC61000-4-5.	
	<b>features</b>	Support WEB configure, support for OSD, support video transmission, support mobile surveillance, support for mobile detection alarm center after the screen pop-up reminders and linkage; supports JPEG capture; provide perfect the SDK development package	
<b>Basic parameter</b>	<b>Power input:</b>	DC 12V±10%	
	<b>Power consumption:</b>	1W (IR off) / 9.5W (IR on)	1.1W / 9.6W (IR on)
	<b>Work environment:</b>	-40°C ~ 85°C, humidity is less than 95% (no condensation)	