

# HI205 Product Specification

Ordered Model: HI205-26S8W8M3C1S

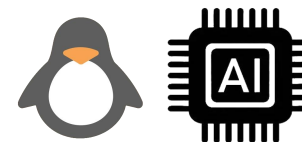
Internal Abbreviation: HinLink, IP Camera, Bullet, No. 05 Housing, RV1126, 8 Megapixel, 8MM Focal Length, No. 3 Tail Wire, WIFI, Bifocal

\*Application Scenarios: monitoring security, structural video support: face capture, body capture, population trend analysis, motor vehicle capture, traffic data analysis, behavior analysis, smoke and fire, safety helmets

Item	Subitem	Description
Basic Parameter	Product Model	HI205
	Chip	RV1126
	Hashrate	2 TOPS
	RAM	DDR4 2GB
	Flash	EMMC 8GB
	Power Type	DC12V, 5.5mm outer diameter, 2.1mm inner diameter
	Power Consumption	Maximum power consumption: 6W, typical power consumption: 4W
	Working Temperature	-20~60 °C (fill light off); -30~50 °C (fill light on)
	Working Humidity	5%~95% (non-condensing)
	Protection Grade	IP67
	Lightning and Surge Protection	4KV
	Explosion Protection	NA
	Image Parameter	Sensor
Surface Size		
Lens Focal Length		8mm
Lens Angle		H (horizontal): 39.9 degrees; V (vertical): 22.2 degrees; D (diagonal): 45.9 degrees;
Maximum Aperture		F2.0
Filling Distance		White light: 10m; Infrared light: 10m
Day-Night Mode		Supported; Auto (ICR)/color/B&W, default to color; sensitivity can be selected from high, medium, low, default to high; image trigger/internal trigger
Wide Dynamic Range		>100dB
White Balance		Manual/Auto
Signal to Noise Ratio		>45dB
Communication Interface	SD Card Interface Support	Provide MicroSD card slot, support MicroSDHC / MicroSDXC, support the maximum capacity of 128GB RAM
	RS485 Interface	Unsupported
	RS232 Interface	Unsupported
	Alarm Input/Output	Two GPIO alarm outputs, two optocoupler alarm inputs
	Relay Interface	Supported; relay voltage and current characteristics: W12V/1A
	4G	Unsupported
	WIFI	bgn2.4G
	Ethernet	One RJ45,10/100/1000M Adaptive Ethernet Interface
Video Bitstream	Frame Rate	30/25 fps can be set, default to 25fps
	Main Codestream Resolution	3840 X 2160P@25fps(8MP)
	Sub Codestream Resolution	Second codestream: 1920 X 1080P@25fps Third codestream : 704 X 480P@25fps
	Video Encoding Format	MJPEG/H.264/H.265
	Video Bitrate	H.264:32Kbps ~ 15104Kbps H.265:16Kbps ~ 15104Kbps



上: HD Video  
下: Starlight Night Vision; Sound & Light Alarms; Two-Way Voice; Shape Detection



Audio Parameter	Audio Encoding Format	G.711a/G.711u/G.726/OPUS
	Audio Sample Rate	G.711a/G.711u/G.726: 8K OPUS: 8K/12K/16K/24K/48K
	Audio Bitrate	G.711a/G.711u: 64kbps; G.726: 16, 24, 32, 40kbps can be set; OPUS: 16/24/32/40/64/96/128/160/192/224/256/288Kbps can be set
	Audio Input Interface Audio Output Interface	Supported (1-channel LINE IN, 1-channel built-in MIC) Support (1-channel LINE OUT, 1-channel built-in 5W Speak)
Protocol Support	Networking Protocol	HTTP, TCP, RTSP, RTMP, webRTC
	Access Standard	ONVIF, GB28181
ISP Parameter	Day-Night Mode	Supported; Auto (ICR)/color/B&W, default to color; sensitivity can be selected from high, medium, low, default to high; image trigger/internal trigger
	Saturation Control	Supported; automatic mode and manual background parameter setting
	White Balance Control	Supported; automatic mode and manual background parameter setting
	Gain Control	When manual exposure is selected, there are 101 stops from 0 to 100, and the step size is 1, which can be set and default to 0
	Mirror Mode	Support image mirroring (horizontal mirroring, vertical mirroring, horizontal-vertical mirroring)
	Digital Noise Reduction	2D/3D noise reduction