



141.00mm

IP CAMERA

HS-D087SP

- Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG
- 4MP (2592 × 1520)
- 30 ~ 50 M IR night view distance
- 3 DNR, TWDR, HLC, BLC, Digital Defog, Smart IR
- ICR auto switch, true day / night
- Built-in micro SD card slot, up to 128GB
- Support ROI coding
- Support three streams
- IP67 & IK10 ingress protection
- Intelligent analytics: abnormal video signal detection, line crossing detection, region intrusion detection, face detection, face capture

RoHS **CE** **FC**



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Camera	
Image Sensor	1 / 3" CMOS
Image Size	2592 × 1520
Electronic Shutter	1 / 30 s ~ 1 / 100,000 s
Min. Illumination	0.005 lux @F1.4,AGC ON; 0 lux with IR
Lens	EVF 2.8 ~ 12 mm @F1.4
Horizontal view Angle	94.2° ~ 29.8°
IR Distance	30 ~ 50 m
WDR	120dB
Day & Night	ICR auto switch
BLC	YES
HLC	YES
Digital Defog	YES
Digital DNR	3 DNR
Image	
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Main Profile
Resolution	4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream (S1)	4MP / 2K / 3MP / 1080P / 720P @30fps HFR mode: 1080P / 720P @60fps
Sub Stream (S2)	720P / D1 / CIF @30fps
Third Stream (S3)	D1 / CIF / 480 × 240 @30fps
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Audio	
Audio Compression	G.711A / U
Two-way audio	YES
Interfaces	
Network	RJ45
Video Output	CVBS output (BNC × 1)
Audio line in	1CH audio input; Built-in MIC × 1
Audio line out	1CH audio output
Alarm Input	1CH alarm input
Alarm Output	1CH alarm output
Storage	
SD card	Built-in micro SD card slot; up to 128GB
Network remote storage	Yes
Hardware Reset	Yes



HS-D087SP

Intelligent Analytics (Smart Events)	
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle / non-motor vehicle classification)
Target Counting	Line crossing human / motor vehicle/non-motor vehicle counting
Exception Detection	Scene change and video blur
Face Detection	Face detection and face capture
General Intelligence	Crowd density detection, heat map, object abandoned / missing detection (These are being developed and coming soon.)
Functions	
Remote Monitoring	Web browsing, CMS remote control
Online Connection	Support simultaneous monitoring for up to 10 users Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF
Smart Alarm	Motion detection; Sensor alarm; SD card full; SD card error; IP address conflict; Network disconnection
General function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction
PoE	Yes, IEEE802.3af
Others	
Power Supply	DC12V / PoE
Power Consumption	< 8W
Operating Environment	- 30 °C ~ 60 °C (-22° F ~ 140° F) Humidity: less than 95 % (non-condensing)
Dimensions	Φ 141 × 100.2 mm
Weight	Approx. 890g
Installation	Ceiling mounting (wall mounting available with the junction box and bracket)
Ingress Protection	IP67 & IK10
Accessories	
	