



# IP CAMERA

## HS-D093ST-K

- H.265+ / H.264 / MJPEG
- 2MP ( 1920 × 1080 ), 25X optical zoom
- 150M IR distance
- STARVIS
- 3 DNR, TWDR, HLC, BLC, Digital Defog, Smart IR
- ICR auto switch, true day / night
- Built-in micro SD card slot, up to 256GB
- Support PoE+
- IP66 ingress protection
- TVS 4KV lightning protection, surge protection and voltage transient protection
- Intelligent analytics: abnormal video signal detection, line crossing detection, region intrusion detection, face detection, face capture

**RoHS** CE FC



Camera	
Image Sensor	1 / 2.8" Progressive Scan CMOS
Effective Pixels	1920 × 1080
Lens	25× Zoom, f = 4.8 ~ 120 mm, F1.65 ~ F3.8
Field of View (H)	57.6 ° ~ 2.5°
Field of View (V)	34.4° ~ 1.4°
Field of View (D)	64.5° ~ 2.9°
Shutter	1 / 1 s ~ 1 / 10,000 s
Min. Illumination	Color: 0.005Lux @F1.65 (AGC ON) B/W: 0.001Lux @F1.65 (AGC ON) 0Lux with IR
WDR	120dB
White Balance	Auto / Manual / ATW / Indoor / Outdoor
Day / Light	IR Cut Filter
HLC	YES
BLC	YES
Digital DNR	3 DNR
Digital Defog	YES
Privacy Masks	4 programmable privacy masks
Working Distance	Wide: 1 M ~ INF    Tele: 1.5 M~INF
IR Distance	150 M
Gain	Auto / Manual
EIS	YES
Smart IR	YES
PTZ	
Pan Range	360° endless rotation
Pan Speed	0.1° /s ~ 80° /s    Preset speed : 80° /s
Tilt Range	-5° ~ 90° ( auto-flip )
Tilt Speed	0.1° /s~ 80° /s    Preset speed : 80° /s
Proportional Zoom	YES
Zoom Speed	Approx. 3.6 s (optical lens, Wide-TELE)
PTZ Control	YES
3D Positioning	YES
Auto Flip	YES
Preset	300
PTZ Position Display	YES
Power-off Memory	YES
Cruise	8 cruises, up to 16 presets for each cruises
Track	4 tracks, record time over 3 minutes for each track
Action Mode	Preset / Cruise / Track / Auto Scan / Random Scan
Scheduled Task	Preset / Cruise / Track / Random Scan / Boundary Scanning / Dome Reboot
Image	
Video Compression	H.265+ / H.264 / MJPEG
H.265 Compression Standard	Main Profile
SVC	YES
Resolution	1080P ( 1920 × 1080 ), 960P ( 1280 × 960 ), 720P ( 1280 × 720 ), D1 ( 704 × 576 ), 704 × 480, 640 × 480, 352 × 288, 352 × 240
Main Stream (S1)	1080P / 960P / 720P @30 fps
Sub Stream (S2)	704 × 480, 640 × 480, 352 × 240 @30 fps
Third Stream (S3)	704 × 480, 640 × 480, 352 × 240 @30 fps
Bit Rate	768 Kbps ~ 4 Mbps
Storage	
SD card	Built-in micro SD card slot; up to 256 GB
Interfaces	
Network	1 x RJ45 10M/100M Ethernet, PoE(802.3at)
Audio Line In / Out	- / -
Alarm Input / Output	- / -



## HS-D093ST-K

Intelligent Analytics (Smart Events)	
Face recognize	Default off, max 15 human faces per second.
Face compare	Default off
Smart Detection	Support alarm triggering by human or vehicle, filtering flag/ animal.
Smart Tracking	Manual Tracking, Auto Tracking (human or vehicle by software setting)
Functions	
Remote Monitoring	<b>Web browser:</b> IE8-11, Chrome41.0-44, Firefox30.0-51, Safari8.0-11 <b>CMS remote control:</b> NVMS2.0
Network Protocol	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP/DHCP, PPPoE
Interface Protocol	ONVIF, support HI SHARP API and third-party management platform
Simultaneous Live View	Up to 6 people
User/Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
Smart Alarm	Motion detection; SD card full; SD card error; IP address conflict; Network disconnection; Defocus detection; Video tampering alarm
Alarm Linkage	Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email
Intelligent Analytics	Object Removal, Exception, Scene Change Detection, Line Crossing, Intrusion, Crowd Density, People Intrusion, People Counting
General Function	Watermark, IP address filtering, Video mask, Heartbeat, Password protection
PoE	PoE+
Others	
Power Supply	DC 12V / PoE (802.3at)
Power Consumption	< 22 W
Operating Environment	- 30° C ~ 55° C (-22° F~131° F) Humidity: less than 90 % (non-condensing)
Dimensions	Φ173mm × 247 mm (Φ 6.8" × 9.7")
Weight	Approx. 2100 g
Installation	Ceiling mount/ wall mount/ pole mount/ corner mount
Ingress Protection	IP66 ; TVS 4KV lightning protection, surge protection and voltage transient protection
Accessories	