

Product Name: 4 inch 80m IP Network HD Middle Speed IR Dome Camera

Model: HS-THS-4018/HS-THF-4018/HS-THD-4020



Application:

It can be widely used in wide range environments which required monitoring, e.g. river, forest, highroad, railway, airport, port, oil field, sentry, piazza, park, scenic zone, street, station, venue, parcel surrounding, and etc.

Features:

1. Infrared function

- 6pcs Array Led,with manual, automatic, camera synchronization three infrared open modes, IR Distance 80M
- Infrared light with a magnification distance matching algorithm.
- The constant current circuit design,Infrared ages can be reach 30 thousand hours.

2. System Function

- Adopt high-performance sensor, resolution achieve 1920*1080/2594*1944/3840x2160.
- Precision motor-driven,keen responsive,smoothly operation,the precision deviation less than 0.5 degree, the image does not have any vibration under any speed.
- Support ONVIF protocol.
- Support English IE interface and operation tips function, user friendly interface.
- Support system dual backup function to ensure that the data not lost.
- Support pack function, when the camera in a certain period of time no operation,camera will automatically turn to the guard position monitoring.
- support for lightning protection, anti surge, anti surge.
- Protection grade: IP66.

2. Zoom camera function

- support auto iris,auto focus, AWB and BLC.
- Support low illumination,0.001Lux/F1.4(color),0.05Lux/F1.4(color),0.01Lux/F1.4(color)
- Support 3D digital noise reduction,digital WDR function.
- Effective pixels 2.0/5.0/8.0 million pixels (2MP/5MP/8MP).
- 18X Optical Zoom 5.35mm~96.3mm,20x Optical Zoom 4.7mm-94mm.

3. IP Network function

- Adopt high-performance MSTAR platform, stable and reliable performance.
- Support Ethernet control.
- Can view and control the image via IE browser and client software
- Support two levels of user rights management, support for authorized users and passwords, support HTTPS encryption and network access control.
- Adopt H.265+/H.265/H.264+/H.264 dual encoding, video output 1080P+D1 ;
- Support multi-protocols:IPv4,HTTP,HTTPS,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP, RTP,TCP/IP,DHCP,PPPoE

4. PTZ Control Function

- Pan control speed 0.5°~100°/s, tilt control speed 0.5~50°/s,support auto-flip, non-surveillance blind area
- 254 presets position,5 patrol tracking routes, each can be inserted 16 spots,residence time and the running speed can be set.
- 1 Pattern scan routes, can record 500 instructions,can totally record up to 10 minus.
- 1 auto level scan routes with left & right spacing
- Support power off memory function, When the camera is powered down, it will automatically resume the running state or position before the power is cut off.

Specification:

Model Number:	HS-THS-4018	HS-THF-4018	HS-THD-4020
Image Sensor:	1/2.8" SONY CMOS		
DSP & Sensor:	SSC325 + IMX307	316DM + IMX335	SSC328Q+IMX415
Resolution:	2.0MP	5.0MP	8.0MP
Effective Pixels:	1920*1080/30FPS 1920*1080/25FPS	2594*1944/15FPS 2688*1520/25FPS 2560*1440/25FPS	3840*2160@20FPS 3072*2048@30FPS 2592*1944@30FPS 2560*1440@30FPS
Min. Illumination:	0.0001Lux@F1.2	0.005Lux@F1.2	0.001Lux@F1.2
White Balance:	Auto/Manual/ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp		
AGC:	Auto/Manual		
S/N Ratio:	>52dB		
Day & Night:	IR Cut Filter		
Digital Noise	3D/2D		
Back light Compensation:	support		
Wide Dynamic Range:	Support, on/off, 4 class for adjustable		
Audio	1 in 1 out		
Shutter Speed:	1/10s-1//10,000s		
Focus Mode:	Auto/Manual/ONEAF		
Focal Length:	18X(5.35mm~96.3mm)		20X(4.7mm ~ 94mm)
Zoom Speed:	Approx.2.7s(Optical Wide-Tele)		
Pan / Tilt Range:	Pan: 360° endless; Tilt: -0° ~ 90° (Auto-Flip)		
Pan / Tilt Speed:	Pan Speed: 0.5° ~ 100° /s,Tilt Speed: 0.5° ~ 50° /s		
Proportional Zoom:	support		
Number of Preset:	254		
Patrol:	5 patrols, up to 16 presets per patrol		

Pattern:	1 pattern,can record 500 instructions, up to 10 minuts max
Auto Level:	1 auto scan,with left & right spacing
Power off memory function:	Pattern / Pan Scan / Tilt scan / Random scan
Ethernet:	10Base-T/100Base-TX, RJ45 connector
Max. Image Resolution:	3840x2160
Image Compression:	H.265+/H.265/H.264+/H.264
Dual Rate	1080P+D1
Network Protocols:	IPv4, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
Security Measures:	User authentication (ID and PW) / Host authentication (MAC address)
PC Software	LMS
Net Interface	Built in RJ45,Support 10M/100m
Onivf:	2.6
IR Distance:	80m
RS-485 Protocols:	Pelco-P, Pelco-D, self-adaptive
Working Temperature:	-20°C~60°C
Humidity:	90% or less
Protection Level:	TVS3000V lightning protection,surge protection and voltage transient protection,weatherproof: IP66
App	Danale
Package Dimension:	L302mm*W172mm*H302mm
Weight (approx.):	3.5Kg
Mount Option:	Wall mount, Ceiling mount
Power:	DC 12V 3A / POE 48V

