

4MP super starlight deep-learning three-ball linkage integrated network camera

HIC98442-IR@L-X40-Z28-X5-VH



Product characteristics

- Single IP multi-channel, can preview dual panoramic and detail live view at the same time, panoramic monitoring and detail capture
- 3-ch HD lens is equipped with multi-PTZ follow-up technology to meet more complex scenes, and multi-channel monitoring is done in one machine
- Support panoramic channel coverage, monitoring targets are not lost, scene information is mastered
- Support 3-ch independent capture, a variety of intelligent open at the same time, to meet the needs of a multi-purpose machine
- Support panoramic channel trigger area automatic linkage of detail channel cameras after intrusion, cross-line detection, entering the area and leaving the area rules for non-human target tracking and capture
- Support manual frame enlargement, through the Web frame to select any position within the scope of the panoramic channel, the detail channel can automatically enlarge the target area and placed in the center of the picture
- Support picture in picture, four split screen and other playback modes, panorama and details live picture typesetting, view the target details more convenient
- Support deep intelligent function: panoramic channel support face detection, SIP, mixed detection, detail channel support face detection, SIP, auto-tracking
- Face detection: Support face and human body detection and attribute extraction, and realize face and human body correlation, support capture optimization, automatically screen out the best quality pictures
- SIP: Supports four modes of cross-line detection, entering the area, leaving the area, and Intrusion, and can classify and detect the targets of motor vehicles, non-motor vehicles, and pedestrians
- Mixed detection: Support motor vehicle, non-motor vehicle, pedestrian classification detection capture and motor vehicle, non-motor vehicle, face, human body attribute extraction
- Auto-tracking: Support classification tracking of motor vehicles, non-motor vehicles and pedestrian targets in the screen, and automatically return to the initial position after reaching the preset tracking time
- Support GPS, can collect latitude and longitude information, can be manually calibrated camera coordinate

position

- Support electronic compass, real-time sensing camera orientation information
- Support gyroscope anti-shake, effectively reduce the picture shake, make the image stable and clear
- Optical fog transmittance, the camera can adapt to adjust the fog transmittance level according to the severity of haze
- Supports timing capture, interval capture, cruise preset position capture, event capture and other capture methods
- Support intelligent IR technology, adjust the brightness of the infrared light in real time according to the brightness of the picture, to avoid the phenomenon of overexposure in the near scene
- Adaptive strong light suppression, the night camera can automatically adjust the brightness of the picture according to whether there is a moving vehicle on the road
- IP66

Product specification

	Panoramic channel 1/2	Detail channel
Camera	Description	
Sensor	1/1.8" 4MP CMOS 1/1.8" 4MP CMOS	1/1.8" 4MP CMOS
Minimum Illumination	【Panoramic channel 1】： 0.0005lux (F1.4, AGC ON, Colorful) 0.0001lux (F1.4, AGC ON, Black and white) 【Panoramic channel 2】： 0.001lux (F1.7, AGC ON, Colorful) 0.0005lux (F1.7, AGC ON, Black and white)	0.0005lux (F1.2, AGC ON, Colorful) 0.0001lux (F1.2, AGC ON, Black and white)
S/N	>56dB	
Lens Type	【Panoramic channel 1】： 2.8~12mm, Motorized zoom, 4X 【Panoramic channel 2】： 11~55mm, Motorized zoom, 5X	5.7~228mm, Motorized zoom, 40X
Maximum aperture	【Panoramic channel 1】： Auto/Manual, F1.4 【Panoramic channel 2】： Auto/Manual, F1.7	Auto/Manual, F1.2
Shutter	Auto/Manual, 1~1/10000s	
IR Range	100m IR	250m IR
Day/Night	Auto/Manual	
WDR	120dB	
Optical fogging	Support	
Gyroscope anti-shake	Support	
BLC	Support	
3D positioning	Support	
Video	Description	
Video Compression	H.265/H.264/MJPEG	
Frame Rate	【Panoramic channel 1】 4MP (2688*1520) Max 30fps 【Panoramic channel 2】 4MP (2688*1520) Max 30fps	4MP (2688*1520) Max 30fps
Video stream	Main stream: 2688*1520、2560*1440、1920*1080、1280*720、720*576、640*360 Sub stream: 1920*1080、1280*720、720*576、640*360 Third stream: 720*576、640*360、704*288、352*288	
OSD	Self-defined OSD, time OSD, pinion coordinate OSD, variable times OSD, serial OSD, network port OSD, hyper sensory content OSD, rolling OSD, picture OSD, environment volume OSD, device latitude and longitude coordinates OSD, machine non-human traffic statistics OSD	Self-defined OSD, time OSD, pinion coordinate OSD, variable times OSD, preset bit OSD, serial port OSD, azimuth information OSD, hyper sensory content OSD, picture OSD, environment volume OSD, network port OSD, device latitude and longitude coordinate OSD
ROI	Up to 8 areas	
Privacy Mask	Up to 8 areas	Up to 24 areas, a maximum of four screens can be displayed at the same time
Capture picture	Supports timing capture, periodic capture, cruise preset bit capture	
Audio	Description	
Audio Compression	G.711A、G.711U	
Sampling Rate	G.711A/G.711U: 8KHz	
Tele gnosis	Description	
GPS	Built-in antenna to collect latitude and longitude information	
Deep-learning	Description	
Face detection	Support effect priority, speed priority, cycle optimization of three face detection optimization mode, support face Angle filtering; Support face and human body capture and correlation, support face and human body attribute extraction; Face attributes: gender, age, wearing glasses, wearing masks, hat style, hat color; Human body attributes: gender, age, wearing masks, coat color, coat color, coat style, coat texture, carrying bag, posture, shoes, hair style, moving direction	
SIP	Support cross-line detection, Intrusion, entering the area, leaving the area; Support motor vehicle, non-motor vehicle, pedestrian target classification detection capture and defense;	
Mixed line detection	Only panoramic channel 1/2 support; Support motor vehicle, non-motor vehicle, pedestrian, face detection capture and defense; Support motor vehicle, non-motor vehicle, pedestrian, face attribute extraction; Motor vehicle attributes: license plate number, vehicle type, body color, vehicle brand, driving direction, driving speed,	

	license plate color, license plate type; Non-motor vehicle attributes: gender, age, coat color, coat style, driving direction, driving speed, driving type, vehicle number, license plate color, vehicle type; Attributes of pedestrians: gender, age, wearing masks, color of top, color of bottom, style of top, style of bottom, texture of top, carrying bag, posture, shoes, hairstyle, moving direction; Face attributes: gender, age, wearing glasses;	
Auto-tracking	Only detail channel support; Support classification tracking of motor vehicle, non-motor vehicle and pedestrian targets in the screen, and automatically return to the initial position after reaching the preset tracking time;	
Smart function	Description	
Basic Detection	Motion detection, occlusion detection, sound detection, alarm input, alarm output	
Pan & Tilt	Description	
Pan Range /speed	Pan Range: -20°~200° ; Pan speed: 0.1°/s~80°/s;	Pan range: 360° ; 0.1°/s~180°/s; Preset speed: 300° /s;
Tilt Range /RPM	Tilt Range: -15°~90° (Automatic turnover) ; Tilt speed: 0.1°~80°/s;	Tilt range: -15°~90° (Automatic turnover) ; Tilt speed: 0.1°~180°/s; Preset speed: 240°/s;
Preset	1024	
Cruise	Support preset cruise, track cruise and record cruise	
Recorded Patrol	Support	
Home Position	Support	
Blackout memory	Support	
Fast focusing	Support	
Electronic compass	Support	
Network	Description	
Protocols	L2TP、IPv4、IGMP、ICMP、ARP、TCP、UDP、DHCP、PPPoE、RTP、RTSP、DNS、DDNS、NTP、FTP、UPnP、HTTP、SNMP、SIP、802.1X、HTTPS、RTMP	
Maximum number of bit stream	35-ch	
Compatible Integration	ONVIF、GB/T 28181、GA/T 1400、API	
Back-end storage	Dual-channel iSCSI data blocks are stored directly	
ANR	Support	
Interface	Description	
Edge Storage	Micro SD, up to 256 GB	
Audio I/O	1/1	
Alarm I/O	7/2	
Serial Port	1 RS485	
Network	1*10M/100M/1000M SFP; 1*RJ45 10M/100M/1000M Base-TX Ethernet;	
Power Interface	Cord end terminal holder	
General	Description	
Power	Power supply: DC48V±25%; Power consumption: 88.0W; Power protection: Support anti-reverse connection, over-voltage/over-current protection, short circuit protection, support 6KV lightning protection;	
Dimensions (L x W x H)	523mm*270mm*630mm	
Weight	14.41Kg	
Working Environment	-40°C~70°C, ≤95%RH, non-condensing	
Protection	IP66	

Dimensions

