

30X 1080P Thermal Vehicle PTZ camera



QH-PTZ124H

Key Features

- 30X 1080P Thermal Vehicle PTZ camera.
- high die-cast aluminum casing, waterproof grade IP66.
- selection of high-quality infrared light, the irradiation distance is up to 300 meters.
- 128 preset positions, 6 cruising tracks and 3 self-learning paths.
- Pan rotation speed 0~100°/s, tilt rotation speed 0~80°/s.
- 360° continuously rotation, the tilt angle up to 180°, auto flip.
- Camera position coordination and magnified zoom display function.
- it could be widely used for car surveillance at night and bad environment, (especially suitable for monitoring in dark district without light).
- power voltage input for car surveillance: DC12V.
- built-in surge protection and lightning protection, to effectively prevent 4000v Instantaneous current.
- Detection distance: 300M.

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Specification

	Parameter	Description
Thermal imaging camera characteristics	Detector type	Uncooled infrared focal plane sensor
Effective Pixels	640×480	
Induction method	Microbolometer	
Pixel spacing	17um	
Response band	8~14um	
Thermal sensitivity NETD	50mK /F1.0,300K	
Fixed focus heat dissipation lens	50 mm (8 / 15 /25 / 35mm optional)	
Aperture F value	1	
Recognition distance (human body)	370M	
Recognition distance (vehicle)	1130M	
Focusing method	Manual/electric	
Field of view	7.0o×5.6o	
False color image mode	Black hot/white hot/rainbow/iron red, etc. (12 types in total)	
Image detail enhancement	Multi-level continuously adjustable, edge sharpening	
Mirror function	Horizontal/Vertical/Horizontal + Vertical	
Noise reduction function	Have	
Non-uniformity correction	Electronic correction without stops	
OSD display	Have	
Output image resolution	D1/ CIF	
Output frame rate	30fps	
Parameter of visible camera	30X 2 million 1/2.8" CMOS ICR day and night network HD movement	
Camera		
sensor type	1/2.8" Progressive Scan CMOS	
Scanning system	line-by-line scan	
signal system	PAL/NSTC	
Video output	Network encoding output	
Resolution	50HZ:25fps(1920X1080) 60HZ:30fps (1920 X1080)	

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50HZ:25fps(1280X960) 60HZ:30fps(1280X960)		
50HZ:25fps(1280X720) 60HZ:30fps(1280X720)		
Mini Low lux	Color : 0.05Lux @ (F1.6, AGC ON)	
B&W : 0.01Lux @ (F1.6, AGC ON)		
Signal to noise ratio	>52dB	
focal length	4.5-135mm, 30X optical zoom	
Aperture value	F1.6-F4.4	
Horizontal field of view	65.1-2.34 degrees (wide angle-telephoto)	
Close-up	10mm-1500mm (wide angle-telephoto)	
Zoom speed	About 3 seconds (optical, wide-angle-telephoto)	
Day and night conversion mode	ICR filter type	
Parameter setup		
Video compression	H.265/H.264/MJPEG	
Compressed output bit rate	32kbps-12Mbps	
Audio compression	G.722.1、G.711-a law、G.711-u law、MP2L2、G.726、AAC	
Focus mode	Auto/Manual/One-time focusing	
Exposure mode	Automatic exposure/aperture priority/shutter priority/manual exposure	
Day and night mode	Auto/color/black and white/timing/alarm input trigger	
Electronic shutter	1/1 second ~ 1/30,000 second	
White balance	Auto1/Auto2/Indoor/Outdoor/Manual/Sodium lamp/Fluorescent lamp	
BLC	Off/up/down/left/right/center/auto	
Gain	16 levels adjustable	
Dead pixel compensation	stand by	
Wide dynamic	Off/on	
Digital noise reduction	3D	
Lens initialization	Built-in	
Image quality adjustment	Brightness, contrast, sharpness, saturation can be adjusted	
Digital zoom	12	

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Video compression	H.265 /H.264
Compressed output bit rate	32kbps-12Mbps
Audio compression	G.722.1、 G.711-a law、 G.711-u law、 MP2L2、 G.726、 AAC、 PCM
Storage function	Support MicroSD storage
Image settings	Movement function can be adjusted through the client or IE browser
Smart alarm	Motion detection, occlusion alarm, memory full, memory error, audio anomaly detection, cross-border detection, area intrusion detection
supporting agreement	TCP/IP、 HTTP、 DHCP、 DNS、 DDNS、 RTP、 RTSP、 PPPoE、 SMTP、 NTP 、 UPnP、 SNMP、 FTP、 802.1x、 QoS、 HTTPS、 IPv6 (SIP、 SRTP、 optioanl) 、 GB28181、 E-HOME
Interface Protocol	ONVIF、 PSIA、 CGI、 ISAPI
Dual stream	Support
Heartbeat function	Support
Security Mechanism	Password protection, multi-user access control
External Interface	36pin FFC (including network port, RS485, RS232, CVBS, SDHC, Alarm In/Out, Line In/Out, power supply)
External communication	RS232 interface, HIKVISION protocol, RS485 interface, Pelco protocol
Variable speed head features	Rotating speed
Rotation angle	Pan:0°~360° continuous, Tilt:+90°~-90°
Preset position accuracy	±0.1°
Control protocol	Pelco-D
Baud rate	2400/4800/9600/19200bps
Communication Interface	RS485

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This Product can work with:

Mobile NVR 1 Channel Road Safety View	1 Ch Mobile NVR Front road Safety View	8 channel H.265 Mobile NVR	12ch IP camera Mobile NVR
 A black mobile NVR unit with a red camera lens cover, mounted on a black circular base.	 A black mobile NVR unit with a camera lens and a small screen, mounted on a black base.	 A black, rectangular mobile NVR unit with a camera lens and a small screen.	 A black, rectangular mobile NVR unit with a camera lens and a small screen.

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