



MODEL	HD IP
	WP-PTZN03

Features:

- The first independent defogging defrosting module, solve the camera and lens fogging
- High-quality heating parts are used in the camera housing, so that the whole housing can work together to form an effective antifogging and defogging
- PTZ adopts the integrated upper and lower structure so that the PTZ and infrared housing will not bump and dislocate.
- PTZ standard with the original regulator module, filter the vehicle transient current instability, so that PTZ remains stable

Night Vision Supplement: PTZ adopts imported array infrared lights, Multi-angle work together, the working life up to 30,000 hours, night vision is 100-120 meters

HD IP: PTZ support mainstream megapixel digital high-definition movement and HD SENSOR HD picture capture, compatible with mainstream HD platform and seamless docking, the maximum support 1080P output, support for dual-stream and high-definition capture, support IE browser

Application: 110 police mobile law enforcement / fire emergency command / 120 emergency command system / road mobile patrol / urban management law enforcement / special vehicle mobile inspection

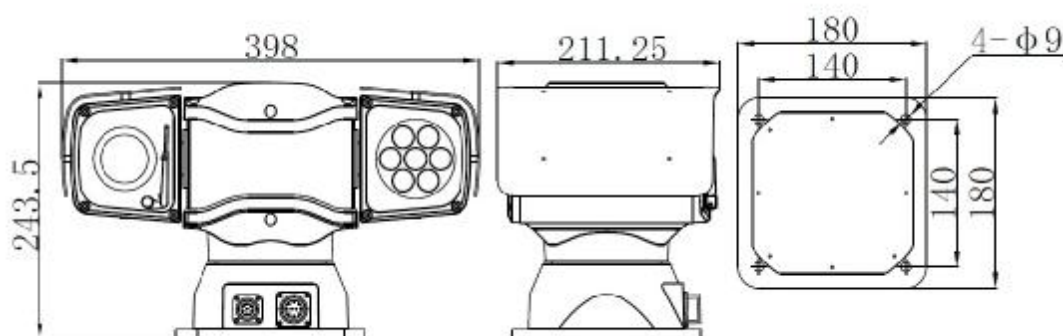
Parameter:

PTZ Function	
Pan preset speed	100°/s
Tilt preset speed	60°/s
Pan control speed	0°~60°/S
Tilt control speed	0°~40°/S
Pan range	360°endless rotation
Tilt range	+90° ~ -90°
Preset positions、Tracking	256 positions 8 tracking, Preset accuracy±0.10
IR Distance	2 groups lens, 100m night vision
Control Way	RS485, Built-in PELCO D/P 16 protocol, Baud Rate from 2400Bps to 19200Bps optional
Relative Humidity	Less than 90%

IP Grade	IP66
Working Temperature	-35° ~ +65°
Impact resistance requirements	≥4G
Wiper	Support
Installation	Variety of installation according to the environment
Weight	7kg

Network parameters:	
Video Compression	H.264/H.265
Audio Compression	G.722.1、G.711-alaw、G.711-ulaw、MP2L2、G.726
Compression output rate	32Kbps—12Mbps
Support Protocol	TCP/IP、HTTP、DHCP、DNS、DDNS、RTP、RTSP、PPPoE、SMTP、NTP、UpnP、SNMP、FTP、802.1x、QoS、HTTPS、IPv6 (SIP、SRTP optional)、GB28181
Interface Protocol	ONVIF/PSIA/CGI/ISAPI
Communication Protocol	PelcoD-P Protocol
Storage Function	Support MicroSD storage
Intelligent Arlarm	Motion detection, mask alarm, full memory, memory mistake
General function	Dual stream, heartbeat, password protection

Measures and Diagram: (mm)



Vehicle Wireless Video Surveillance and Monitoring System Solution



100% Real shot



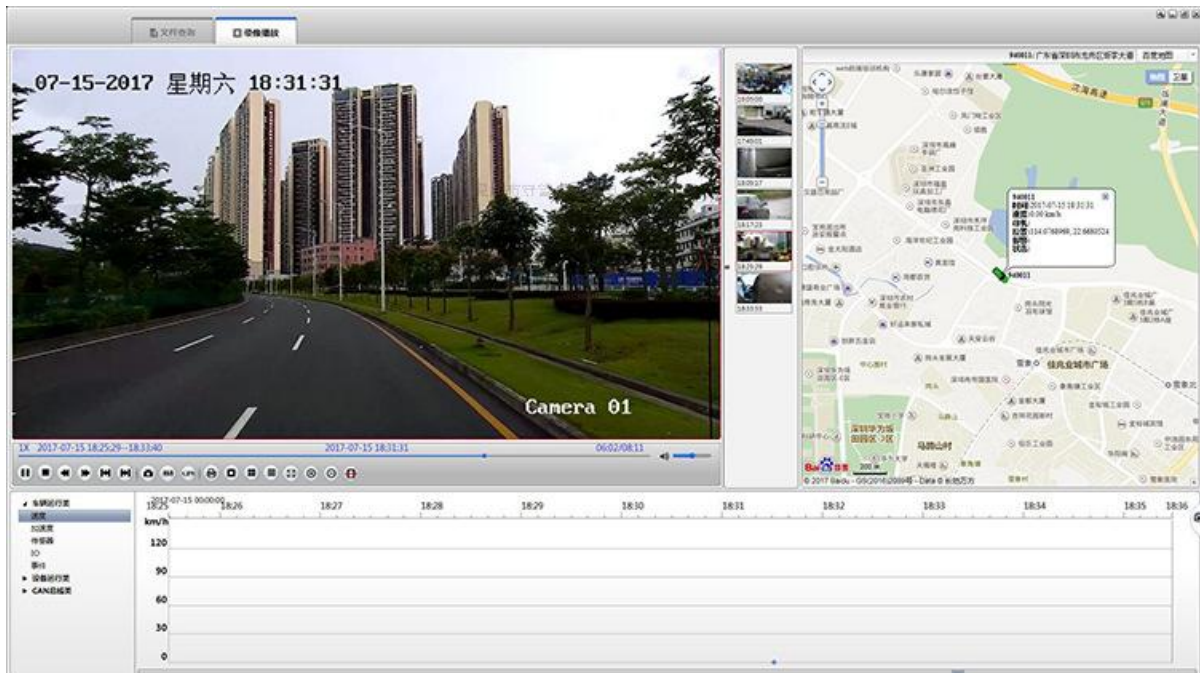
Day vision

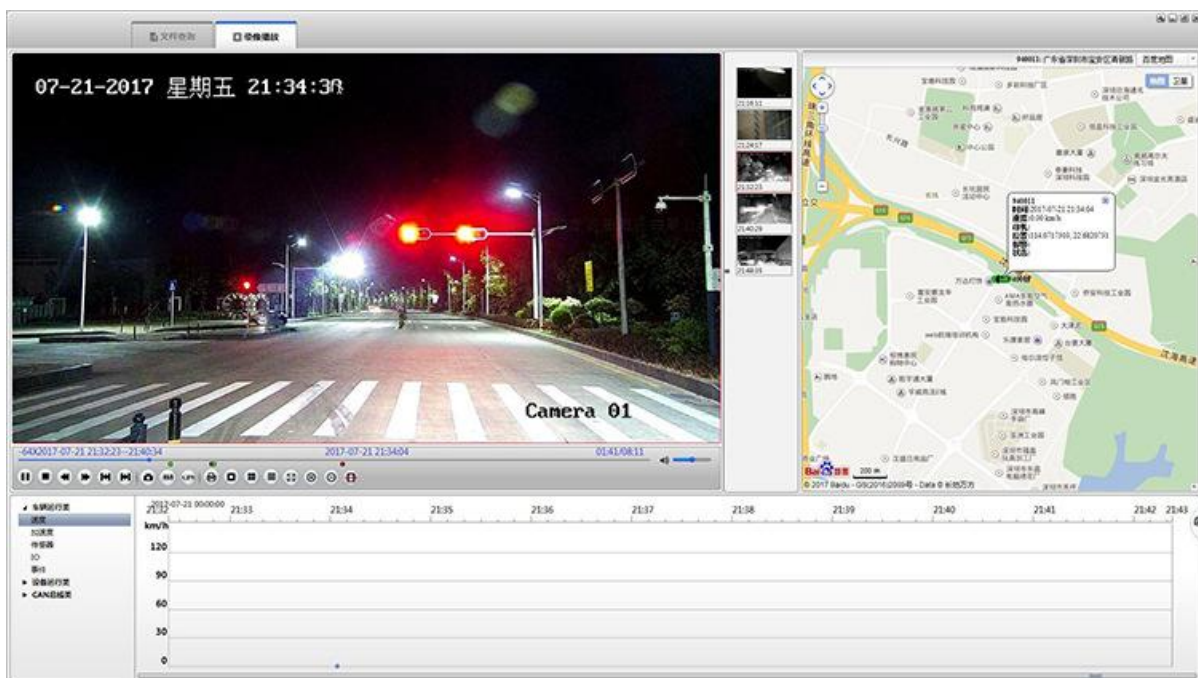
Night vision





Monitor view







Product Name:20x 2.10MP day night network hd camera

Feature:

1. 2.10MP Progressive Scan 1/2.8" CMOS
2. Max Resolution up to 1920×1080
3. 20x zoom optical, focus length 4.7-94mm
4. Min illumination: color 0.05lux@F1.6
5. Support ICR ir filter automatic switching
6. Support digital wide dynamic、3D-DNR function
7. Support OSD overlay function, Personalized menus are available
8. Focus fast and accurate
9. Low bit rate, high image
10. Support H.265 Efficient compression algorithm, Greatly reduce the bit rate
11. Network hd signal output
12. Interface rich, convenient function expansion
13. Seamless access to mainstream platforms and other network devices
14. Small size, low power consumption, green
15. Optional interface board, easy access to dome camera, ptz

Product Technical Data:

20x,2.10 Mega pixel 1/2.8" Progressive Scan CMOS ICR day&night hd ip camera module		
camera	Image sensor	1/2.8" Progressive Scan CMOS
	Scanning system	Progressive Scan
	Signal system	PAL/NTSC
	S/N Ratio	>52dB
	Video output	Network coding output
	Resolution	50HZ:25fps(1920x1080) 60HZ:30fps(1920x1080) 50HZ:25fps(1280x720) 60HZ:30fps(1280x720)
Lens	Focal length	4.7-94mm, 20 zoom optical

	Aperture	F1.6-F3.5
	Pan viewing angle	61.4-2.9°(wide angle-telescope)
	Close-up	10-1500mm(angle-telescope)
	Zoom speed	About 2.7 second(optical, wide angle-telescope)
	Day&night	ICR filter
Compression standard	Video compression standard	H.265/H.264
	Compression output coding rate	32kbps-12Mbps
	Audio compression standard	G.722.1、G.711-a law、G.711-u law、MP2L2、G.726、AAC、PCM
Network function	Support protocol	TCP/IP、HTTP、DHCP、DNS、DDNS、RTP、RTSP、PPPoE、SMTP、NTP、UPnP、FTP、802.1x、QoS、HTTPS、IPv6 (SIP、SRTP、optional)
Function	Focus mode	automatic/manul/one focus
	Exposure mode	Automatic exposure/aperture first/shutter first/manual first
	Day&night	automatic/color/white black
	Electronic shutter	1/1 second ~ 1/30,000 second
	Wide dynamic	4 grade adjustable
	Explosure compensation	10 grade adjustable
	External interface	36pin FFC (including network port、RS485、RS232、CVBS、SDHC、Alarm In/Out、Li power)
General specification	Working temperature and humidity	(-10° ~ 60°) , less than 90%RH
	Power Supply	DC12V±10%
	Power Consumption	Static 2.5W, dynamic 4.5W
	Measure(mm)	50×60×88
	Weight	265g

