

Datasheet: DS-AI7882RHSP

Product Picture	Model	DS-AI7882RHSP (IR 120m+Visible Light Camera)	DS-AI7882JHSP (Laser 500m+Visible Light camera)		
	Camera Module				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Effective Pixel	2MP			
	Minimum Illumination	Color: 0.01 Lux @(F1.2,AGC ON), B/W: 0.001Lux @(F1.2,AGC ON)			
	Shutter	1/3sec. - 1/100,000sec., support slow shutter			
	Day/Night	IR-cut filter with auto switch (ICR)			
	Digital Zoom	16x			
	Resolution	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)			
	Product Highlight	Lens			
<ul style="list-style-type: none"> * Visible light 2MP, 4MP, 4K optional * Visible light 30X, 31X, 40X optional * Support Laser/Thermal/IR switch over * Long night vision distance, auxiliary light source is not required, low power consumption, highly fog and dust penetration * Customized highly vibration resistant vehicle PTZ 	Focal Length	f = 4.7 ~ 141.0mm, 30x optical zoom			
	Iris	F1.5~F4.3			
	Close Focus Distance	100mm-1000mm (Wide-Tele)			
	Zoom Speed	~ 3sec. (Optical, Wide, Tele)			
	Fill Light parameter (Integrated Zoom IR)				
	Fill Light Distance	120m	500m		
	Product Features	Fill Light Angle	5° - 60°	2.5° ~ 60°	
	<ul style="list-style-type: none"> * Humanized design, novel structure, easy to install and maintain * Positioning accuracy: ±0.05° * All-weather environmental design, adapt to the ambient temperature of -40°C ~ +60°C * High-strength aluminum alloy protective cover, anti-impact, anti-corrosion, protection level up to IP66, with wiper function * Pan: 360° endless, Tilt: (+90° ~ -90°) no blind spots * Lightning protection: video, communication, and power access terminals are all designed with 2 ~ 3 levels protection circuits * Built-in 4000V lightning protection, anti-wave and anti-surge protection 	Auto matching of movement magnification	support		
		PTZ Feature			
		Pan Range	360° endless		
Pan Speed		0.4 ~ 80°/S			
Tilt Range		-90 ~ 90°			
Tilt Speed		0.4 ~ 60°/S			
Position Accuracy		0.1°			
Protocol/Compatibility		TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, ONVIF compatible, GB/T28181			
Information Display		OSD time, OSD customized			
Encode Protocol		H.265 / H.264 / MPEG			
Audio Compression		G.711a / G.726			
Baud Rate		2400 / 4800 / 9600 / 19200bps			
Storage		Support Micro SD / SDHC / SDXC (128G) Disconnected local storage, NAS (NFS, SMB / CIF supported)			
Order Type:		Transmission/Drivepart	Synchronous belt drive/precision stepping motor		
DS-AI7882RHSP		PTZ Interface			
	Video Output	RJ45			
Outline Dimension:	Control Interface	Coaxial system RS485			
	External Input	Alarm Input x 2			
	Output Port	Alarm output x 2 / Relay output x 1			
	Accessibility				
	Smart Wiper	Manual Control, Optional Speed, controlled via PTZ menu			
	Fan/Heating	Real-time temperature detection, low temperature activated, purely physical detection			
	General				
	Power	AC24V / 3.0A			
	Environment Temperature	-40°C ~ 60°C			
	Environment Humidity	0 ~ 95% (no condensation)			
	Protection Grade	IP66, built-in 4000V lightning-proof, surge-proof and wave-proof			
Dimension	411mm x 210mm x 269mm				
Weight	9.3Kg				