

Datasheet: DS-AI7882RHSP

Product Picture	Model	DS-AI7882RHSP (IR 120m+Visible Light Camera)	DS-AI7882RHSP (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 <ul style="list-style-type: none"> * Visible light 2MP, 4MP, 4K optional * Visible light 30X, 31X, 40X optional * Support Laser/Thermal/IR optional * Long night vision distance, auxiliary light source is not required, low power consumption, highly fog and dust penetration * Customized highly vibration resistant vehicle PTZ 	Lens			
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			