
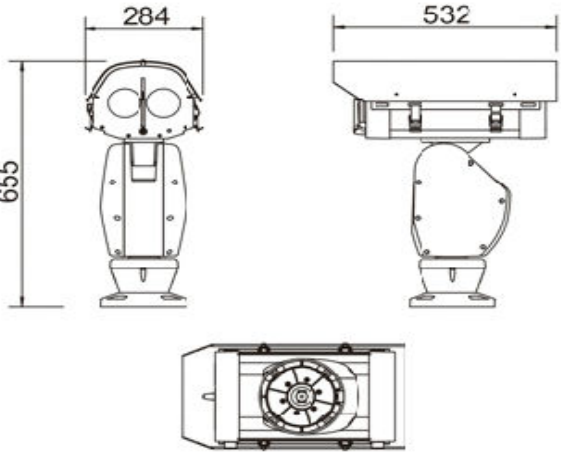


Datasheet: DS-AI7912RHSP

<b>Product Picture</b>	<b>Model</b>	DS-AI7912RHSP (IR 120m+Visible Light Camera)	DS-AI7912RHSP (Laser 500m+Visible Light camera)		
	<b>Camera Module</b>				
	Image Sensor	1/2.8" Progressive Scan CMOS			
	Effective Pixel	2MP			
	Minimun 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)			
<b>Product Highlight</b> <ul style="list-style-type: none"> <li>* Visible light 2MP, 4MP, 4K optional</li> <li>* Visible light 30X, 31X, 40X optional</li> <li>* Support 100-1000mm telephoto lens</li> <li>* Night vision distance is more than 2000 meters (laser/thermal imaging optional)</li> <li>* Nested structure design, low deflection, low swing, high stability</li> <li>* High-strength rigid transmission system and high-precision aluminum alloy synchronous wheels</li> </ul>	<b>Lens</b>				
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)				
<b>Fill Light parameter (Integrated Zoom IR)</b>			Fill Light Distance		
			120m		
Fill Light Angle			5° - 60°		
Auto matching of movement magnification			support		
<b>Product Features</b> <ul style="list-style-type: none"> <li>* Aluminum base shell, steel structure design, anti-impact, anti-shake</li> <li>* Pan range/speed: 360°, 0.01-30°/s</li> <li>* Tilt range/speed: -88~40°, 0.01-15°/s</li> <li>* Positioning accuracy: ±0.05°</li> <li>* Support 17 protocols: PecoP/D, AD, AB Man code, etc.</li> <li>* Lightning protection: video, communication, and power access terminals are all designed with 2~3 levels protection circuits</li> <li>* Built-in OSD menu, easy to realize function information display and call various monitoring functions</li> <li>* Set and call preset points, automatic cruise, pattern scanning, horizontal scanning, and display area, etc.</li> <li>* High-strength aluminum alloy protective cover, anti-impact, anti-corrosion, protection level up to IP66</li> <li>* Built-in automatic constant temperature device, suitable for -40°~+60° environment temperature</li> </ul>			<b>PTZ Feature</b>		
Pan Range			360° endless		
Pan Speed			0.01 ~ 30°/S		
Tilt Range			-88 ~ 40°		
Tilt Speed			0.01 ~ 15°/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)		
<b>Order Type:</b>	Transmission/Drivepart	Synchronous belt drive/precision stepping motor			
DS-AI7912RHSP	<b>PTZ Interface</b>				
Video Output			RJ45		
<b>Outline Dimension:</b>	Control Interface	Coaxial system RS485			
External Input			Alarm Input x 2		
Output Port			Alarm output x 2 / Relay output x 1		
					
<b>Accessibility</b>					
Smart Wiper			Manual Control, Optional Speed, controlled via PTZ menu		
Fan/Heating			Real-time temperature detection, low temperature activated, purely physical detection		
<b>General</b>					
Power			AC24V / 3.0A		
Environment Temperature			-40°C ~ 60°C		
Environment Humidity			0 ~ 95% (no condensation)		
Protection Grade			IP66, built-in 4000V lighting-proof, surge-proof and wave-proof		
Dimension			600mm x 200mm x 610mm		
Weight			15Kg		