

1080P Full color night vision

IP67 IR IP PTZ Camera



Key Features

- Full-color panoramic fixed-focus camera + full-color night vision auto-zoom camera.
- Full color imaging at very low illumination.
- Full-color panoramic full-area observation + full-color auto-variable detail capture.
- Horizontal 360° continuous, vertical -90°~+90°rotation.
- Horizontal vertical running speed 0.1-40 ° / S.
- Worm gear drive with self-locking function and strong wind resistance.
- Support power-off memory function, automatically return to the head and lens state before power-off after power on.
- Support 3D positioning function, clickable tracking and zooming through the client/IE.
- Outdoor IP67 protection level, lightning, surge and surge protection.

Product Highlight

Full-color night vision head is based on the very low light imaging technology, through the separation of noise and real signal from the very low light signal deep learning AI algorithm; in the noise reduction at the same time the real signal is enhanced to the normal light environment intensity, the signal to noise ratio is effectively improved to achieve normal imaging in the very low light environment.

Mainly used in urban high-altitude lookout, border and sea defense, sea chokepoints, road monitoring, maritime farming, parks, industrial parks and other places.

Technical parameters

Model	SVN-900AD200	SVN-900AD400
Sensor	1/1.8" Super Starlight CMOS	
Pixels	2.0MP	
Minimum illumination	Color:0.0001Lux	
Maximum Resolution	≥ 2MP	
Lens focal length	F=6.8~120mm, 20x optical zoom	F=6.3~252mm, 40x optical zoom
Lens aperture	F1.6-F4.1	F1.4-F4.8
Field of view	(D) : 65.3 (Wide); 4.2 (Tele) (H) : 58.5 (Wide); 3.7 (Tele) (V) : 35.0 (Wide); 2.1 (Tele)	(D) : 73.0 (Wide); 1.9 (Tele) (H) : 65.3 (Wide); 1.7 (Tele) (V) : 38.4 (Wide); 1.0 (Tele)
Frame Rate	10fps/30fps real time video	

Video Compression	H.265/H.264
White balance	Automatic
Wide Dynamic	120dB
Sensor	1/2" Super Starlight CMOS
Pixel	2.0MP
Minimum illumination	Color:0.0001Lux
Lens focal length	Equivalent 290mm
Aperture	F1.6
Horizontal field of view	4.8°
Color Palette	9 kinds of palettes to choose from (including iron red, rainbow, black and white, etc.), customizable color scale
Rotation range	Horizontal 360° continuous, vertical -90 to +90°
Rotation speed	Horizontal, vertical 0.1~40°/S
Positioning accuracy	0.1°±50%
Preset	255
3D function	Support frame enlargement, target locking field of view center function
Automatic cruise	Support focal length and head speed matching
Power failure memory	Support power-off state memory function, automatically return to the head and lens state before power-off after power on
Watch function	On/Off, preset point/cruise scan can stay in idle state after specified time Automatic recall (including idle state entered after power-up)
Transmission structure	Worm gear transmission
Real-time angle back transmission	Support real-time angle return or query angle return function
Information Display	Support
Angle control	Support
Smart Wiper	Remote intelligent control
Fan/Heating	Real-time temperature detection; low temperature start, pure physical detection
Waterproof respirator	Built-in 2 waterproof respirators to reduce fogging and condensation
Communication Baud Rate	2400/4800/9600/19200bps
Communication Interface	RS485+RS232
Communication protocols	PELCO+VISCA
Network Protocols	IPv4/IPv6,HTTP,DNS,NTP,RTSP,RTCP,RTP,TCP/IP,UDP,DHCP
Access Protocol	ONVIF/GB28181/GA1400
Network Interface	RJ4510/100Base-T/single interface dual IP, single interface single IP optional
Audio Interface	1-channel audio input, 1-channel audio output (optional)
Alarm interface	2-channel alarm input/2-channel relay output (optional)
External 485 interface	Support adaptive Pelco-P, Pelco-D and other protocols
Ground Line	Grounded all the way
Power supply	DC/AC24V/6.0A
Power consumption	110W (low temperature start)
Working environment temperature	-40℃~60℃
Humidity of working environment	0~95% (non-condensing)
Protection level	IP67, built-in 4000V lightning, surge and surge protection
Installation method	Column-mounted, wall-mounted, corner-mounted
Outlet method	Side outlet / lower outlet optional
Dimension	L490mm×W267mm×H290mm
Product weight	≤10kg
Load weight	≤4kg
Carrying method	Side load

Dimension

