

5KM 72X Optical 1080P

integrated PTZ Camera



Key Features

- 2.0MP 1/1.8" CMOS ICR Starlight Day HD Network Camera;
- Large diameter high-definition de-fog automatic zoom visible lens, DC drive, auto iris, through the fog, preset;
- PTZ adopts the design of large transmission ratio of turbine worm, metal structure, copper gear wheel, large torque, strong carrying capacity, high power self-locking ability after power failure;
- PTZ adopts dynamic voltage drive technology, high load capacity, strong wind resistance, strong earthquake resistance, high stability, ultra low speed operation;
- PTZ adopts super aluminum alloy shell, protection class IP66, professional structure design, professional wiper structure, high and low temperature test design, high temperature anti-ice and snow, to adapt to extreme weather;
- Advanced electromagnetic compatibility test, using triple lightning protection technology.

Application

Forest fire prevention, safe city, prison, warehouse, oil field oil depot, long pipeline, large factory, mining, freight yard, borderline, maritime fishery, ecological protection area, reservoir, military base.

Technical parameters

Model	
Model No.	SVN-72SXT32
Type	5KM 72X Optical zoom 1080P integrated PTZ Camera
Lens	
Focal Length	6.1-440mm, 72X Optical Zoom
Aperture Range	F1.4-F6.3
Horizontal field of view	65.5-1.3° (wide-tele)

Minimum Working distance	100mm-2500mm (wide-tele)
Zoom speed	Approximately 6s(optical lens, wide to tele)
HD Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Minimum Illumination	color:0.0005 Lux @(F1.4,AGC ON);B/W:0.0001Lux @(F1.4,AGC ON)
Shutter	1/25s to 1/100,000s; Supports delayed shutter
Autoiris	yes
Day/Night Switch	IR cut filter
Digital zoom	16X
Compression Standard	
Video Compression	H.265 / H.264 / MJPEG
H.265 Type	Main Profile
H.264 Type	BaseLine Profile / Main Profile / High Profile
Video Bitrate	32 Kbps~16Mbps
Audio Compression	G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM
Audio Bitrate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/16-64Kbps(AAC)
Image(Maximum Resolution: 1920*1080)	
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 60fps (1920 × 1080)
Third Stream	50Hz: 25fps (1920 ×1080); 60Hz: 30fps (1920 ×1080)
Image settings	Corridor mode, saturation, brightness, contrast, sharpness adjusted by IE/ Client
BLC	Support
Exposure mode	AE / Aperture Priority / Shutter Priority / Manual Exposure
Focus mode	Auto Focus / One Focus / Manual Focus / Semi-Auto Focus
Area exposure / focus	Support
Optical fog	Support
Image stabilization	Support
Day/Night Switch	Automatic, manual, timing, alarm trigger
3D noise reduction	Support
Picture overlay switch	Support BMP 24-bit image overlay, customizable area
Region of interest	ROI supports three streams and four fixed areas
Network	
Storage function	Support Micro SD / SDHC / SDXC card (256G) disconnected local storage, NAS (NFS, SMB / CIFS support)
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPv6
Interface Protocol	ONVIF(PROFILE S,PROFILE G)
Smart Features(optional)	
Smart detection	Cross-border detection, area intrusion detection, entering / leaving area detection, hovering detection, personnel gathering detection, fast motion detection, parking detection / take detection, scene change detection, audio detection , False focus detection, face detection
PTZ parameter	
Pan manual control speed	0.01°/S -- 20°/S
Tilt manual control speed	0.01 °/S -- 10°/S
Pan angle	360° contiously rotation
Tilt angle	+40°~-45°
Preset	256 pcs preset position
Cruising	8 channels

Auto scanning	8 channels
Automatic homing function	Support
Patrol	4 channels
Auxiliary switch	2 groups
load	Top load 50KG
Control way	RS485,rotation angle return angle and angle control can be realized
General specification	
Relative humidity	90%
IP grade	IP66
Working temperature	-40 °C - 55 °C
Power supply	AC24V/DC24V
Consumption	≤100W