

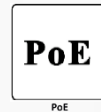
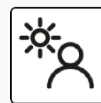
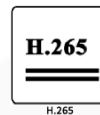


8MP 32X IR NETWORK SMART PTZ CAMERA

SIP-VPS8032AI

FEATURES

- Ultra-high definitions 4K(3840x2160@30fps)
- 1/2.8" SONY progressive scan CMOS
- Min. illumination: Colour: 0.01 lux @ (F1.2 AGC ON) 0 Lux with IR
- 32x optical zoom, Accurate and fast focusing
- HDR, 3D DNR, Smart IR
- IR distance beyond 200m
- Smart H.265+/H.265/H.264+/H.264
- Intelligent Video content analytics
- Smart tracking of human/vehicle, Smart detection and perimeter protection
- ONVIF, API and SDK
- PoE++, DC24V, AC24V power self-adaptive
- IP66, -40°C~65°C, Aluminum Alloy & Plastic



SPECIFICATION

CAMERA MODULE				
Image Sensor	1/2.8" SONY latest progressive scan CMOS			
Image setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client			
Shutter Speed	50Hz: 1/25 s –1/25,000s; 60Hz: 1/30s-1/30,000s			
White Balance	Auto/Manual/Indoor/Outdoor			
Min. Illumination	Color : 0.01Lux @ (F1.2, AGC ON) ; B/W : 0.002Lux @(F1.2, AGC ON); 0Lux with IR			
Gain control	Auto/Manual			
Day & Night	Auto/Manual , time schedule			
Iris control	Auto/Manual			
3D DNR	Auto/Manual			
SNR	≥52dB			
AE Enhancement	BLC, HLC, WDR			
Privacy Mask	4areas, up to 8areas per request			
Picture overlay	Logo picture could be overlaid on video with 128x128pixels,24bits BMP format			
OSD overlay	max 15 characters/line, 8 lines, white or red font color			
LENS				
Focus length	f=4.8-154mm lens, 32x optical zoom			
Zoom Speed	Approx. 4.6s (optical zoom, wide-tele)			
Field of View	Horizontal: 61.3° ~2.18° ; Vertical: 36.9° ~ 1.22° ; Diagonal: 68.4° ~ 2.5° (wide-tele) ±5%			
Working distance	wide: 1.0m ~ INF; tele: 1.5m ~ INF			
Iris	F1.2 ~ F4.4 (wide-tele)			
IR Cut type	Removable IR Cut filter			
DORI				
Class	Detect(25px/m)	Observe(63px/m)	Recognize(125px/m)	Identify(250px/m)
f=4.8mm	138m(453.5f.t.)	54.76m(179.66f.t.)	27.7m(90.7 f.t.)	13.8m(45.35f.t.)
f=154mm	3528m(11575 f.t.)	1400m(4593 f.t.)	700m(2296f.t.)	350m(1148f.t.)
IR				
IR Range	200m (656 f.t.) ,dual stack 850nm IR Array			
Smart IR	Yes			
PTZ				
Pan Range	360°endless			
Pan speed	Configurable, from 0.5~120°/s; Preset speed: 150°/s			
Tilt Range	From -5° to 90°,auto flip			
Tilt Speed	Configurable, from 0.5°~ 120°/s, Preset speed: 150°/s			
Proportional Zoom	Yes			
Preset	360			
Cruise	8 cruises, up to 16 presets for each cruises			
Trace	4 traces, record time over 3 minutes for each trace			
Power off memory	Support			
Action mode	Preset/Cruise/Trace/Auto Scan/Random Scan			
3D Positioning	Support			
PTZ Position Display	Support			
Schedule Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot			

NETWORK	
Max Resolution	3840x2160
Main stream	50Hz: 25fps: 3840× 2160,2560× 1440,1920× 1080,1280× 960,1280× 720, 60Hz: 30fps:3840× 2160,2560× 1440,1920× 1080,1280× 960,1280× 720
Sub stream	50Hz: 25fps: (704 × 576, 640 × 480, 352 × 288); 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz:25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz:30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video compression	H.265+/H.265/H.264+/H.264/MJPEG
H.264 Standard	H.264/AVC codec BP/MP/HP, Level 5.1
H.265 Standard	H.265/HEVC codec MP, level 5.0
Video Bit Rate	64 Kbps to 16Mbps
Audio compression	G.711 A/U
Audio Bit Rate	64K bps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE
User / Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
SMART FEATURES	
Basic event	Motion detection, Video tampering alarm, Exception(Network disconnected, IP address conflict, SD full, SD error)
Face recognize	Detecting max 15 faces at same scene. Detecting, tracking, capturing
Road traffic	Vehicle detecting and tracking
Smart Detection	Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exitance detection, etc. More VCA per request
Smart Tracking	smart tracking of human or vehicle, auto/manual
SYSTEM INTEGRATION	
Alarm Interface	1 Alarm input(Dry contact); 1 Alarm output
Audio Interface	1 audio input(MIC in); 1 audio output, line level, impedance,600Ω
Alarm Linkage	Alarm actions, such as Preset, Cruise, Trace, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc.
Network Interface	1 RJ45 10M/100M Adaptive Ethernet ,Support PoE++(802.3.bt)
SD Card	On-body MicroSD chamber, up to 256G
RS 485/BNC/ Speaker &Mic	N/A
Reset button/ Heater/Fan	Yes
Water removal	Hot air blow to lens glass to remove frost, ice; Remove water-drops by quick spinning
API	ONVIF, support SDK and third-party management platform
Client/Web Browser	N9000 1.4.5, TVT NVMS 2.0; and the third-party client / IE8-11
GENERAL	
Power Supply	DC24V/AC 24V ±25%, PoE++ (802.3.Bt), max 34W include IR ON + PTZ working
Working condition	-40°C ~ 65°C (-40°F ~ 149°F);Cold start at - 30°C(0.5Hour warming up); ≤90%RH no-condensing
Storage condition	40°C ~ 70°C ; ≤ 95% RH
Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Shield Material	Main body: Aluminium Alloy; Decoration: Plastic
Dimensions	Φ196mm × 317mm (7.7 inch Φ × 12.5 inch)
Net Weight	Approx. 3.7 Kg (8.31 lb.)
Certification	IP66,IK10(excluding glass window),ROHS,CE,FCC