

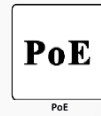
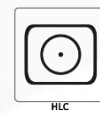
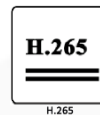


## 2MP IP 25X IR PTZ CAMERA

**SIP-VPS2025AI**

### FEATURES

- 2MP 25x Network IR speed dome camera is an entry level AI detection and tracking PTZ for wide range of intrusion and perimeter protection applications
- 1/2.8" progressive scan CMOS ,Up to 1920×1080 resolution
- Mini illumination: Colour: 0.005 lux @ (F1.6 AGC ON) B/W: 0.001 lux@ (F1.6 AGC ON) 0 Lux with IR
- 25x optical zoom, 16x digital zoom
- 120 dB WDR, 3D DNR, Smart IR
- Up to 150m IR distance
- Smart H.265/H.264 video compression
- Smart Tracking of Human/Vehicle
- Smart detection and perimeter protection
- IP66, -30°C~55°C, ADC12 + PC/GF
- PoE+ (802.3at, class 3) and DC12V



## SPECIFICATION

CAMERA MODULE	
Image sensor	1/2.8" progressive scan CMOS
Shutter Speed	1/1 s – 1/100,000 s
Image setting	Flip, Mirror, Saturation, Brightness, Sharpness, AGC, and AWB adjusted by client software/browser
White Balance	Auto/Manual/Indoor/Outdoor
Min. Illumination	Color : 0.005Lux @ (F1.65, AGC ON) ; B/W : 0.001Lux @(F1.65, AGC ON); 0Lux with IR
Gain	Auto/Manual
Day & Night	IR Cut filter
Digital Zoom	16x
Privacy Mask	NO
3D DNR	Auto/Manual
BLC	Yes
HLC	Yes
WDR	120 dB
Defog	Electronic
EIS	Yes
Picture overlay	Logo picture could be overlaid on video with 128x128pixels,24bits BMP format
LENS	
Focus length	f=4.8-120mm lens, 25x optical
Zoom Speed	Approx. 3.6s (optical zoom, wide-tele)
Field of View	Horizontal:57.6° to 2.5°(wide-tele)    Vertical: 34.4° to 1.4°(wide-tele)    Diagonal: 64.5° to 2.9°(wide-tele)
Working distance	wide: 1.0m ~ INF; tele: 1.5m ~ INF
Aperture Range	F1.65 ~ F3.8 (wide-tele)
PTZ	
Pan Range	360°endless
Pan speed	Configurable, from 0.1~80°/s; Preset speed: 80°/s
Tilt Range	From -5° to 90°
Tilt Speed	Configurable, from 0.1~ 80°/s, Preset speed: 80°/s
Proportional Zoom	Yes
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Track	4 tracks, 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
IR	
IR Range	150M
Smart IR	Yes
NETWORK	
Max Resolution	1920x1080
Main stream	1920x1080, 1280x720 25/30fps
Sub stream	25fps (720P, 704 × 576, 352 × 288) ; 30fps (720P, 704 × 480, 352 × 240)
Third Stream	25fps (704 × 576, 640 × 480, 352 × 288); 30fps (704 × 480, 640 × 480, 352 × 240)
SVC	YES

NETWORK				
Video compression	Smart H.265+/H.265/H.264/MJPEG			
Audio Enhancement	No			
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP,DHCP, PPPoE			
Simultaneous live view	Up to 6 channels			
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 exception alarm, SD card full, SD card error			
Face recognize	Default off, max 15 human faces per second.			
Face compare	Default off			
People Density	Not support by this version			
Smart Detection	Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Scene change detection, target counting, Support alarm triggering by human or vehicle, filtering flag/animal.			
Smart Tracking	Manual Tracking, Auto Tracking (human or vehicle by software setting)			
SYSTEM INTEGRATION				
Alarm Interface	NONE			
Audio Interface	NONE			
Alarm Linkage	Alarm actions, Memory Card Video Record, Trigger Recording, Upload to FTP/Memory Card, Send Email, etc.			
Network Interface	1 RJ45 10M/100M Adaptive Ethernet (Support PoE 802.3.at,class 3)			
CVBS / RS 485	NONE			
Storage	On-Body memory card slot, support microSD/SDHC/SDXC, up to 256G			
API	ONVIF, support SDK and third-party management platform			
Client	N9000 1.4.5, NVMS 2.0; and the third-party client			
Web Browser	IE8-11, Chrome41.0-44, Firefox30.0-51, Safari8.0-11			
GENERAL				
Power Supply	DC12V or PoE+ (802.3.at, class 3), (Max 22W, include IR on, Heater on, Fan working)			
Working condition	--30°C ~ 55°C (-22°F ~ 131°F),90%RH less (non-condensing),Cold start at - 20°C			
Storage condition	-40°C ~ 65°C ; ≤ 95% RH			
Protection	IP66, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection			
Material	Aluminum Alloy;PC+GF10%			
Dimensions	Φ 173mm × 247mm ( 6.8" Φ × 9.7")			
Net Weight	Approx. 2.1 Kg (13.22 lb.)			
Certification	IP66,ROHS,CE,FC			
Active	Hi3516CV500+IMX462 Chipsets			
DORI TABLE				
DORI	Detect (human behaviours)	Observe (as Court level evidence)	Recognize (face ID, CPL)	Identify (human and his photo)
Define	25Pixels /meter	63Pixels / meter	125Pixels/meter	250pixels/meter
Distance	1600m	635m	320m	160m