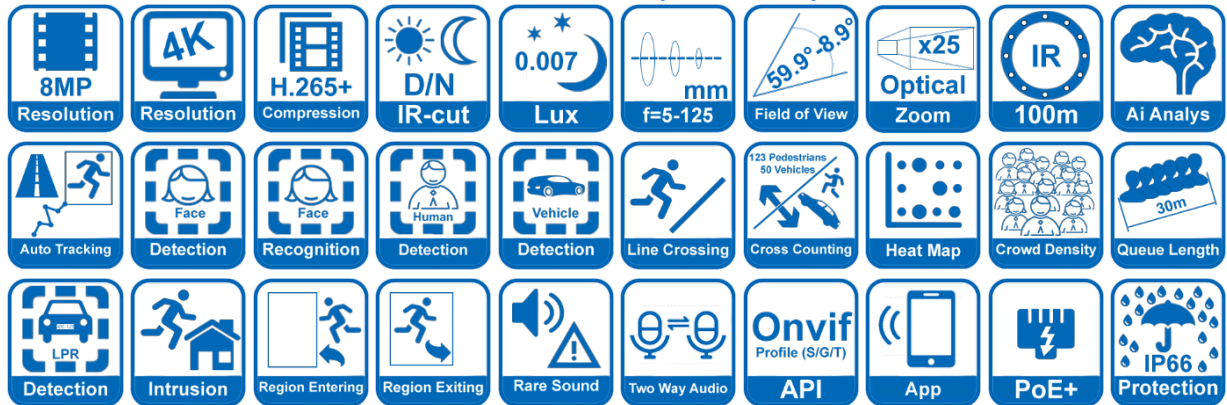


SV-8N4D-PTZFR/10000-5125PW



8MP PTZ Dome Camera 25xZoom, Autotracking, Deep Learning-based Image Analysis, Object Verification, Face Detection/Recognition, License Plate Detection, 5 - 125mm Motorized Lens (59.9° - 8.9°), 100m IR.



- Resolution: 8MP (3840x2160).
- Lens: Motorized Lens f=5-125mm/F1.6 (59.9° - 8.9°).
- Zoom: 25x Optical.
- Min. Illumination: 0.007lux (0lux, IR on).
- IR LED, range up to 100m.
- Two-way audio.
- 1 audio input 0 1 audio output.
- 1 alarm input + 1 alarm output.
- Autotracking: Human, bike/motorbike and car.
- AI Analytics based on deep learning:
Face Detection/Recognition, AI Object Classification (Distinguishes Objects Such as Pedestrians and Vehicles)
Perimeter Intrusion, Line Crossing, Cross Counting, Heat Map, Crowd Density, Queue Length, License Plate Detection, Intrusion, Object Detection, Region Entrance, Region Exiting.
- Supports backlight compensation, strong light suppression, 3D digital noise reduction, suitable for different video environments.
- MicroSD card support (256Gb).
- **ONVIF** (Profile S/G/T).
- **IP66** Protection.

Specifications

IMAGE	
Image Sensor	8MP CMOS sensor 1/2.7" Progressive Scan
Number of Effective Pixels	3840 (H) x 2160 (V)
Min. Illumination	Color mode: 0.007lux @ (F1.6, AGC ON) B/W: 0lux (IR ON)
Electronic Shutter	Auto/manual: 1/5s ~ 1/20000s
Digital Slow Shutter (DSS)	Up to 1/5s
Wide Dynamic Range (WDR)	Yes (double scan sensor) 120dB
Digital Noise Reduction (DNR)	3D
Highlight Compensation (HLC)	Yes
Back Light Compensation (BLC)	Yes
Reduction of image flicker (Antiflicker)	Yes
Defog	-
Image stabilization	-
LENS	
Lens Type	Ø14
Point of view	Horizontal: 59.9° - 8.9° Vertical: 34.4° - 4.8° Diagonal: 61.1° - 5.1°
Focal length (zoom ratio)	Motorized lens, f=5 ~ 125mm
Max. aperture ratio	F1.6
Minimum Object Distance	1.8m
DORI	Detection: 5mm 146.9m - 125mm 988.8 Observation: 5mm 58.3m - 125mm 392.4 Recognition: 5mm 29.4m - 125mm 197.8 Identification: 5mm 14.7m - 125mm 98.9
PTZ	
Range of motion (Pan)	360°
Range of motion (Tilt)	10° - 90° (auto flip)
Pan Speed	Configurable from 0.6° - 80°/s, preset 120°/s
Tilt Speed	Configurable from 0.6° - 80°/s, preset 120°/s
Presets	255 (Preset calls have a limit of 20,000 times)

DAY/NIGHT	
Switching Type	Mechanical IR cut filter
Switching Mode	Auto, manual, time
Switching Delay	1 ~ 36s
NETWORK	
Stream Resolution	Main Stream: 3840x2160, 3072x1728, 2592x1940, 2592 x 1520, 2304x1296, 1920x1080, 1280x960, 1280x720 Sub Stream: 1280x720, 640x480, 320x240 Mobile Stream: 640x480, 320x240
Frame Rate	30fps for each resolution
Multistreaming Mode	3 streams (main stream, sub stream & mobile stream)
Video/Audio Compression	H.264+, H.265+, H.264, H.265, MJPEG/G.711
Number of Simultaneous Connections	Max. 3 connections, (max. 40 streams in total)
Bandwidth	30Mb/s total
Video quality adjustment	8Kbps ~ 16.384Kbps
Bitrate-kontrollmetod	CBR/VBR
IP	IPv4/v6
Network Protocols Support	HTTP, TCP/IP, HTTPS, DHCP, DNS, DDNS, NTP, RTSP, RTP, SMTP, P2P
Security	Complex password; Authenticated username and password
Application programming interface	ONVIF (Profile S/G/T), Http API
Camera Configuration	From Internet Explorer, Edge, Firefox, Chrome, Safari browser Languages: Swedish, English and others
Compatible Software	SafeVision VMS
Mobile applications	RxCamView (iPhone, Android)
OTHER FUNCTIONS	
Privacy Zones	4 video mask type: single color
Motion Detection	Yes
AI Analytics	Face Detection/Recognition, AI Object Classification (Distinguishes Objects Such as Pedestrians and Vehicles) Perimeter Intrusion, Line Crossing, Cross Counting, Heat Map, Crowd Density, Queue Length, License Plate Detection, Intrusion, Object Detection, Region Entrance, Region Exiting
Image setting	Day and night mode
Smart Tracking	Auto-tracking
Prealarm/Postalarm	Up to 5s/up to 30s

System Reaction to Alarm Events	E-mail with attachment, saving file on SD card, active deterrent functions
Action in case of alarm	-
Restoring default settings	Via web browser, using reset button
License Plate Recognition (ANPR)	
Autonomous operation mode	Yes - recognition function implemented in the camera
Capacity of License Plate Database	Up to 10000 license plates, on all lists
Types of recognized number plates	All countries of the European Union
Data recorded in the camera base	Recognition date/time, number of recognised licence plate, image of recognised licence plate, presence on the "white list" or "black list"
Reactions for the licence plate recognition	E-mail with attachment, saving file on FTP server, saving a file in the cloud
IR LED	
LED Number	6pc
Range	100m
Smart IR	Yes (hardware support)
WHITE LIGHT ILLUMINATOR	
LED Number	-
Range	-
Smart Light	-
INTERFACES	
Alarm Input/Output	1 x alarm input / 1 x alarm output
Audio Input/Output	1 x audio input / 1 x audio output
Network Interface	1 x Ethernet - RJ-45 interface, 10/100Mbit/s
Memory Card Slot	MicroSD - capacity up to 256GB

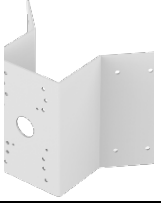
INSTALLATION PARAMETERS

Dimensions (WxDxH)	Ø160 x 270 (160 x 239 x 389 with bracket)
Weight	2.52kg
Degree of Protection	IP66
Enclosure	Plastic, white Enclosure type: N4D
Power Supply	12VDC, PoE+ (IEEE 802.3af, Class 3)
Surge protection	TVS 4000V
Power Consumption	DC12V/PoE(48V): max 25.2W
Operating Temperature	-30°C ~ 60°C
Humidity	Max 90%, relative (non-condensing)

Dimensions



Matching Accessories

			
SV-CZJ-A	SV-PZJ-A	SV-BZJ-D	SV-CXH-F