



Camera

Image Sensor:	2/3" progressive scan CMOS
Effective Pixels:	4096x2160
Signal System:	PAL/NTSC
Minimum Illumination:	Color: 0.002 Lux @(F1.5, AGC ON) B/W: 0.0002 Lux @(F1.5, AGC ON)
White Balance:	Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
AGC:	Auto/Manual
BLC:	ON/OFF
HLC:	Support
Smart defog:	Support
WDR:	DWDR
Shutter Time:	50Hz: 1/1-1/30,000s 60Hz: 1/1-1/30,000s
Day& Night:	ICR
Digital Zoom:	16X
Privacy Masking:	24 programmable privacy masks; optional multiple colors and mosaics
Auto Focus:	Auto / Semi-automatic / Manual
Rapid Focus:	Yes

Lens

Focal Length:	7.5 mm to 270 mm, 36x optical zoom
Zoom Speed:	Approx.7.8s(Optical Wide-Tele)
Angle of View:	Horizontal field of view: 56.1° to 2.0° (wide-tele) Vertical field of view: 33.4° to 1.1° (wide-tele) Diagonal field of view: 62.9° to 2.3° (wide-tele)
Minimum Working Distance:	10-1500mm(Wide-Tele)
Aperture Range:	F1.5 to F4.5

Pan & Tilt

Pan Range:	360°endless
Pan Speed:	Configurable, from 0.1°/s to 350°/s, preset speed: 540°/s
Tilt Range:	-20°~90°(Auto Flip)
Tilt Speed:	Pan Manual Speed: 0.1° -240°/s, Pan Preset Speed: 400°/s
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiples

SF-IPSD9136AH-8



Number of Preset:	300
Patrol:	8 patrols, up to 32 presets per patrol
Pattern:	4 patterns, with the recording time not less than 10 minutes per pattern
Power-off Memory:	Support
Park Action:	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
PTZ Position Display:	ON/OFF
Smart-tracking:	Manual Tracking, Auto Tracking (support tracking specified target types such as human and vehicle), Event Tracking

Alarm

Alarm Input:	7 Inputs
Alarm Output:	2
Alarm Actions:	Preset, patrol, pattern, SD/SDHC card recording, relay output, notification on client

Input & Output

Monitor Output:	1.0Vp-p / 75Ω, NTSC (or PAL) composite, BNC
Audio Input:	Audio input (LINE input), 2-2.4Vp-p; output impedance: 1KΩ, ±10%
Audio Output:	Line level, impedance: 600Ω

Network

Ethernet:	10Base-T, /100Base-TX, RJ45 Connector
Max.Image Resolution:	4096 × 2160
Main Stream:	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream:	50Hz: 25fps(704×576), 25fps (352×288), 25fps (176×144) 60Hz: 30fps(704×480), 30fps (352×240), 30fps (176×120)
Video Compression:	Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
ROI encoding:	Support 24 areas with adjustable levels
Audio Compression:	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Protocols:	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
No. of Simultaneous Users:	Up to 20 users
Three-Stream:	Support
Mini SD Card:	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
Security Measures:	User authentication (ID and PW), Host authentication (MAC address) IP address filtering



Client GUI

Camera Control:	Pan/Tilt, Zoom, Focus, Click centering, Zoom by mouse dragging, Iris, preset calling and programming, auto mode
Date & Time Display:	Time: Week: Date, 6 formats on the Client
Client:	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser:	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51

General

RS-485 Protocols:	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Menu Language:	English
Power Supply:	24 VAC & Hi-PoE
Power Consumption:	24 VAC (max. 60 W, including max.10 W for heater) , Hi-PoE (max. 50 W, including max.10 W for heater)
Working Temperature/Humidity:	-40°C to 70°C (-40°F to 158°F)
Protection Level:	IP67, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection
Material:	Aluminum alloy
Dimensions:	Φ 231.1 mm × 355.6 mm (Φ 9.10" × 14")
Weight (approx.):	Approx. 6 kg (13.23 lb)