

# SF-IPSD6525UAWH-2



## Camera

<b>Image Sensor:</b>	1/2.8" HD progressive scan CMOS
<b>Effective Pixels:</b>	1920(H)x1080(V)
<b>Signal System:</b>	PAL/NTSC
<b>Minimum Illumination:</b>	Color: 0.005 Lux @(F1.6, AGC ON) B/W: 0.001Lux @(F1.6, AGC ON)
<b>White Balance:</b>	Auto/Manual/ATW (Auto-Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
<b>AGC:</b>	Auto/Manual
<b>BLC:</b>	ON/OFF
<b>HLC:</b>	Support
<b>Smart defog:</b>	Support
<b>WDR:</b>	120dB
<b>Shutter Time:</b>	1-1/10,000s
<b>Day&amp; Night:</b>	ICR
<b>Digital Zoom:</b>	16X
<b>Privacy Masking:</b>	24 privacy masks programmable; optional multiple colors and mosaics
<b>Auto Focus:</b>	Auto / Semi-automatic / Manual

## Lens

<b>Focal Length:</b>	4.8 mm to 120 mm, 25× optical zoom
<b>Zoom Speed:</b>	Approx. 3.6 s (optical lens, wide-tele)
<b>Angle of View:</b>	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)
<b>Minimum Working Distance:</b>	10-1,500mm(Wide-Tele)
<b>Aperture Range:</b>	F1.6 to F3.5

## Pan & Tilt

<b>Pan Range:</b>	360°endless
<b>Pan Speed:</b>	Configurable, from 0.1°/s to 160°/s, Preset speed: 160°/s
<b>Tilt Range:</b>	0° to 90° (Auto-flip)
<b>Tilt Speed:</b>	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s
<b>Proportional Zoom:</b>	Rotation speed can be adjusted automatically according to zoom multiples
<b>Number of Preset:</b>	300

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<b>Patrol:</b>	8 patrols, up to 32 presets per patrol
<b>Pattern:</b>	4 pattern scans, record time over 10 minutes for each scan
<b>Power-off Memory:</b>	Support
<b>Park Action:</b>	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
<b>PTZ Position Display:</b>	ON/OFF

## Alarm

<b>Alarm Input:</b>	1
<b>Alarm Output:</b>	1

## Input & Output

<b>Audio Input:</b>	1-ch audio input
<b>Audio Output:</b>	1-ch audio output

## Network

<b>Ethernet:</b>	10Base -T, /100Base-TX, RJ45 Connector
<b>Max.Image Resolution:</b>	1920×1080
<b>Main Stream:</b>	50Hz:25fps (1920×1080,1280×960,1280×720), 50fps (1280×960,1280×720) ; 60Hz:30fps(1920×1080,1280×960,1280×720), 60fps (1280×960,1280×720)
<b>Sub Stream:</b>	50Hz: 25fps(704×576, 640×480,352×288); 60Hz: 30fps(704×480, 640×480,352×240)
<b>Third Stream:</b>	50Hz: 25fps(1920×1080, 1280×960, 1280×720, 704×576, 640×480,352×288) 60Hz: 30fps(1920×1080, 1280×960, 1280×720, 704×576, 640×480,352×288)
<b>Video Compression:</b>	Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
<b>ROI encoding:</b>	Support 4 areas with adjustable levels
<b>Audio Compression:</b>	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
<b>Audio Mode:</b>	OFF/Audio input/Audio output
<b>Protocols:</b>	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
<b>No. of Simultaneous Users:</b>	Up to 20 users
<b>Three-Stream:</b>	Support
<b>Mini SD Card:</b>	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
<b>User/Host Level:</b>	Up to 32 users, 3 levels: Administrator, Operator and User
<b>Security Measures:</b>	User authentication (ID and PW), host authentication (MAC address)
<b>Hik-Connect:</b>	Support

## Client GUI

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**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

**Menu Language:** English

**Power Supply:** 12VDC, PoE+

**Power Consumption:** Max.: 18 W

**Working Temperature/Humidity:** -10°C to 50°C (-14°F to 122°F)  
90% or less

**Protection Level:** TVS 4000V Lightning Protection, Surge Protection and Voltage Transient Protection

**Material:** ADC 12, PC, PC+10%GF

**Dimensions:** Ceiling mounting model:  $\Phi$  165 mm  $\times$  179.5 mm ( $\Phi$  6.50"  $\times$  7.07")  
In-ceiling mounting model:  $\Phi$  165 mm  $\times$  168 mm ( $\Phi$  6.50"  $\times$  6.61")

**Weight (approx.):** Approx. 2 kg (4.41 lb)