

## 8MP 25x Starlight Network PTZ Camera



- Support defog function
- Support 5.5~137.5mm,25x Optical Zoom
- Autotracking of all moving targets
- Red and blue warning lights(optional)
- Built in Mic(optional)
- 0.005Lux/F1.8(color), 0.0005Lux/F1.8(B/W) ,0 Lux with IR
- IR distance up to 120m
- IP66

Camera	
Image Sensor	1/2.8" Progressive Scan 8MP CMOS
Minimum Illumination	Color:0.005 Lux @ (F1.5,AGC ON); B/W:0.0005Lux @ (F1.5,AGC ON)
Shutter	1/25s to 1/100,000s; Supports delayed shutter
Aperture	DC drive
Day/Night Switch	ICR cut filter
Digital zoom	16x
Lens	
Focal Length	5.5 ~ 137.5mm,25x Optical Zoom
Aperture Range	F1.5-F3.8
Field of View	H: 56.9-2.9°(wide-tele) V: 32.2-1.6°(wide-tele)
Minimum Working Distance	100mm-1000mm (wide-tele)
Zoom Speed	Approximately 3.5s (optical, wide-tele)
Compression Standard	
Video Compression	H.265 / H.264 / MJPEG
H.265 Type	Main Profile
H.264 Type	BaseLine Profile / Main Profile / High Profile
Video Bitrate	32 Kbps~16Mbps
Audio Compression	G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM
Audio Bitrate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/16-64Kbps(AAC)
Image( Maximum Resolution: 3840 × 2160 )	
Main Stream	50Hz: 25fps (3840 × 2160, 2560 x 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Third Stream	50Hz: 25fps (704 x 576); 60Hz: 30fps (704 x 576)
Image Settings	Saturation, Brightness, Contrast and Sharpness can be adjusted via the client-side or browse
BLC	Support

## LiteSeries | SDF4A825-HNR

Exposure Mode	AE / Aperture Priority / Shutter Priority / Manual Exposure
Focus Mode	Auto Focus / One Focus / Manual Focus / Semi-Auto Focus
Area Exposure / Focus	Support
Defog	Support
Image Stabilization	Support
Day/Night Switch	Automatic, manual, timing, alarm trigger
3D Noise Reduction	Support
Picture Overlay Switch	Support BMP 24-bit image overlay, customizable area
Region of Interest	Support three streams and four fixed areas
<b>Network</b>	
Storage Function	Support Micro SD / SDHC / SDXC card (256G) offline local storage, NAS (NFS, SMB / CIFS support)
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPv6
Interface Protocol	ONVIF(PROFILE S,PROFILE G)
<b>PTZ</b>	
Pan Range	360° endless
Pan Speed	0.1°~120° /s
Tilt Range	-18°~90°
Tilt Speed	0.1°~120°/s
Number of Preset	255
Patrol	6 patrols, up to 18 presets per patrol
Pattern	4 , with the total recording time not less than 10 mins
Power loss recovery	Support
<b>AI</b>	
Autotracking	Automatic tracking of all moving targets without distinguishing between people and vehicles
<b>Infrared</b>	
IR distance	Up to 120m
IR intensity	Automatically adjusted, depending on the zoom ratio
<b>Port</b>	
Audio I/O	1 input,1 output(optical)
Alarm I/O	1 input,1 output(optical)
<b>General</b>	
Power	DC12V 3A, PoE(803.at)
Working temperature	-40℃ -60℃
Humidity	90% or less
Protection level	IP66, TVS 4000V Lightning protection, surge protection

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Mount option	Wall Mounting, Ceiling Mounting
Weight	3.5kg

## Camera Structure and Dimensions

