

TSF-H308/H208

2MP 30x, 20x Zoom Hybrid(Network+HD-SDI) Indoor Speed Dome Camera

HD-SDI
ONVIF

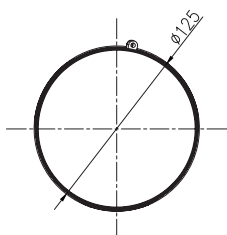
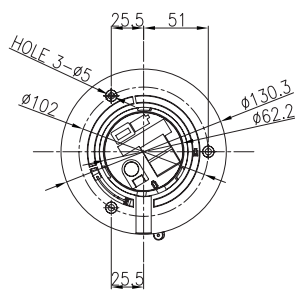
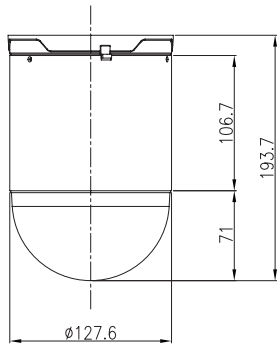


Features

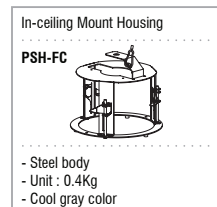
- 2MP High Resolution Video output
- NETWORK, HD-SDI
- 30x Optical Zoom(4.3mm~129mm) & 32x Digital Zoom
- 20x Optical Zoom(5.2mm~104mm) & 32x Digital Zoom
- Day & Night(ICR)
- Real-time True WDR
- Digital Noise Reduction(2D+3D)
- Digital Image Stabilization
- Privacy Mask Function
- High Light Compensation
- Defog Function
- 255 Presets, 8 Tours, 8 Scans, 4 Patterns
- 360° Endless Pan Rotation
- RS-422, RS-485 communication
- Supports Multiple Protocols
- Airflow Control System
- IPv4, IPv6 support
- H.265, H.264, MJPEG video compression
- Bi-directional audio support

Dimensions

Unit : mm



Optional bracket



MODEL	TSF-H308	TSF-H208
CAMERA		
Image Sensor	1/3" Panasonic CMOS Sensor	1/2.8" Sony Starvis CMOS Sensor
Total Pixels	1981 (H) x 1288 (V) = 2.55M Pixels	1945 (H) x 1109 (V) = 2.16M pixels
Active Pixels	1944 (H) x 1212 (V) = 2.35M Pixels	1937 (H) x 1097 (V) = 2.12M pixels
Video Format	1080p@30/25fps, 720p@60/50fps, 720p@30/25fps	
Min. Illumination	Color	0.05 lux / DSS 0.002 lux
	BW	0.005lux / DSS 0.0001 lux
S/N Ratio	more than 50dB (AGC off)	
Video Output	NETWORK, HD-SDI	

LENS	30x	20x
Lens Type	30x Day & Night Zoom Lens	20x Day & Night Zoom Lens
Zoom Ratio	Optical 30x, Digital 32x Zoom	Optical 20x, Digital 32x Zoom
Focal Length	f = 4.3 mm ~ 129.0 mm	f = 5.2 mm ~ 104 mm
Aperture Ratio	F1.6 (wide) ~ F4.7 (tele)	F1.5 (wide) ~ F3.5 (tele)
Angle Of View (D, H, V)	WIDE	72.9°
	TELE	2.64°
	38.4°	63.2°
	1.36°	3.5°
	33.5°	3.1°
	1.7°	

PAN / TILT	
Pan	360° Continuous Pan, 0.1° to 120°/sec
Pan Speed	360°/sec, ± 0.1° Accuracy
Tilt	0.1° to 120°/sec.
Tilt Speed	250°/sec, ± 0.05° Accuracy
Preset	255 points, less than 0.1° accuracy

CAMERA FUNCTIONS	
Camera Title	ID / Title / Zoom Ratio / System Message
Day & Night	Auto / Day / Night / Ext-in
WDR/BLC	Off / WDR / BLC / HLC
ACE	Off / Low / Middle / High
DNR	Auto / Off / Low / Middle / High
Defog	Off / On(Auto / Manual)
Image Stabilization	Off / On
Motion Detection	Off / On (3 positions)
Privacy Mask	Off / On (24 positions)
Digital Slow Shutter	Off / x2 / x4 / x8 / x16 / x32
Gain Control	Off / On
White Balance	Auto / One Push / Manual / Indoor / Outdoor
Shutter Speed	1/30(25) ~ 1/30,000 sec
E.Zoom	Off / x2 ~ x32
Digital Flip	Off / H / V / H&V
Digital I/O	4 alarm / 2 relay out
Remote Control Interface	RS-422, 485
Protocol	Pelco-D / Pelco- P / WONWOO

NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression	H.265, H.264, MJPEG
Resolution	1920x1080, 1280x720, 704x480, 640x352, 320x176, 160x96
Max. frame rate	30fps@1920x1080
Streaming Capability	Supports up to Triple streams
Protocol	HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPnP
Security	Multi-Level Security

GENERAL	
Power Source	AC24 / DC 15~26V
Power Consumption	8W / Max 11W(FAN&IP ON)
Operating Temperature	-10°C ~ +50°C / 0% ~ 90% RH
Material	Aluminum
Dimensions	125(Ø) x 193.7(H) mm
Weight	1.5Kg