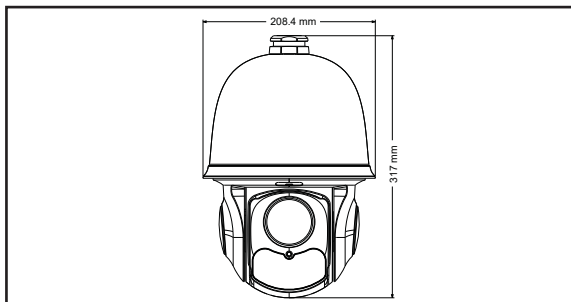# Z-PS3PL5SW20-S
3MP 20x Zoom IPPTZ

Features

- 1 / 2.8" progressive CMOS, 20x optical zoom
- Auto iris, auto focus, auto white balance, BLC and 3D DNR
- HD network video output : 2048 × 1536 @30fps
- HD analog video output : AHD and TVI optional, 1920 × 1080 @30fps
- H.265 and H.264 network image compression format
- SD card local storage, network remote storage
- Efficient IR array to assist in illumination, low power consumption and up to 90m IR night view distance
- IR LEDs and matching algorithm for ideal image condition by adjusting the brightness and angle of the IR LEDs based on the zoom ratio and distance
- Built-in heat treatment device to lower the inside temperature and avoid fogging of the camera rear cover
- Using 3D intelligent position function through the DVR, client software and IE to realize tracking and amplification
- Power off memory — restoring the PTZ and lens status automatically to its previous status (the status just before the dome is powered off) after the dome is powered on
- IP66 ingress protection; TVS 6000V lightning protection, surge protection
- 1 CH audio input and 1 CH audio output
- Precision motor driving, sensitive and responsive, smoothly running, less than 0.1° precision error and no image floating at any speed

Dimensions

Specifications

Z-PS3PL5SW20-S

Camera	
Image Sensor	1 / 2.8" Progressive Scan CMOS
Effective Pixels	3MP
White Balance	Auto / Manual
AGC	Auto / Manual
3D DNR	Yes
Lens	
Focal Length	5.5 ~ 110 mm
Function	
Pan Range	360° endless rotation
Pan Speed	Manual control speed: 0.1° ~ 120°/s; preset speed: 240°/s
Tilt Range	0 ~ 90°
Tilt Speed	Manual control speed: 0.1° ~ 90°/s; preset speed: 200°/s
Zoom	Yes
Preset	255 presets
Cruise	8 cruises, 16 presets for each cruise
Scan	2 scans
Track	4 tracks, 3 minutes' recording for each track
Time Task	Yes
Home Position	Yes
Power Off Memory	Yes
IR Function	
IR Distance	90 m
IR Control	Brightness and angle of the IR LEDs to be smartly adjusted according to the scenes
Network	
Max Image Size	2048 × 1536
Resolution	Main stream : 2048 × 1536, 1920 × 1080, 1280 × 720 Sub stream : 704 × 576, 352 × 288 Third stream : 480 × 240, 352 × 288, 704 × 576
Video Compression	H.265 / H.264 / MJPEG
Video Compression Protocol	G.711A / G.711U
Network Protocol	TCP / IP, UDP, DHCP, UPnP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE, IPv4
Preview Video channels	Max 10 CH
HD Analog	
Max. Image Size	1920 × 1080
Video Output	AHD and TVI optional
System Integration	
Alarm Input	4 CH (5 ~ 12V DC)
Alarm Output	1 CH, support alarm trigger (preset, snap, FTP upload and email trigger)
Network Interface	Built-in RJ45 network port, support 10M / 100M network data
SD Card Interface	Built-in Micro SD card slot, support manual recording
API	API, SDK, ONVIF, GB / T28181
Analog HD Output	BNC
Web Client	Web 4.0
General Specifications	
OSD Menu	Chinese / English
Power Supply	DC24V 3000 mA (15W, max 65W)
Working Environment	-20 ~ 60℃; humidity: less than 90%
Protection Level	IP66, IK10, TVS6000V lightning protection, surge protection