

PL-852E23/33F-AMS | W series

2MP Starlight/WDR Network PTZ



- 1/2.8" 1080P Starlight CMOS
- Max 25/30fps@1080P Streaming
- Support Dual-stream Encoding
- IP66 Rating
- TWDR/BLC/2D&3D Noise Reduction

2MP

3D
DNR



IP66

System Overview

W series high speed dome is a range of project level PTZ with industrial rugged design. Featured by powerful zoom camera and stepping motor, it's perfect solution to deliver high quality image in dark or huge light contrast occasions, with smooth pan/tilt and fast focus.

With speed up to 180°/s and low illumination down to 0.002lux, it promises a large video coverage and more secured details in some extreme outdoors applications, like Airport, Seaport, Gas station, mine exploring etc.

Functions

WDR (Wide Dynamic Range)

Powered by ZKTeco strong ISP algorithm and Starvis sensor, it could achieve excellent picture images at extreme lighting contrast background.

Starlight

To deal with extreme low light challenge, W series PTZ which is equipped with industry leading optical workmanship and ISP adjustment could easily handle it with crystal clear color image in super low light down to 0.002lux.

H.265

Delivering high quality video with up to 70% bandwidth saving. H.265 is the evolutionary optimization of H.264 and traditional H.264.

Harsh conditions

W series PTZ could run normally in harsh outdoor environments, standing with temperature range from -20°C~+55°C with 95% humidity. Protected by 6KV lightning rating and wide voltage range design, it promises the 24/7 monitoring for the critical area without trouble.

Technical Parameters

Camera

Model	PL-852E23F-AMS	PL-852E33F-AMS	Electronic Shutter	1/15s - 1/5,000s
Image Sensor	2MP 1/2.8 Starlight CMOS		Min. illumination	0.002Lux/F1.6(color), 0Lux with IR on
Lens	23x f=4.7mm~108.1mm	33x f=4.3mm~141.9mm	IR Distance	Up to 180 meters
FOV	59.8°(W) to 2.34°(T)		Iris	F1.6(W)-F3.0(T)
Scanning System	Progressive		S/N Ratio	≥55dB

Video

Video Compression	H.265/H.264	Day/Night	Auto(ICR)/Color/B/W
Resolution	2MP(1920*1080)/720P(1280*720)/CIF(352*288/352*240)	White Balance	Auto/ White lamp/ 4000K/ 5000K/ Sunshine/ dark clouds/ flash light/ fluorescent lamp/ high fluorescent lamp/ water bottom/ customized
Bit Rate Control	CBR/VBR	Gain Control	Auto/Manual
Bit Rate	Main stream : 1920*1080(1~25/30fps) Sub stream : 720*576(1~25/30fps)	Noise Reduction	2D & 3D DNR
Audio Compression	G.711u	Motion Detection	Supported
BLC	Supported	Privacy Mask	Up to 8 areas
WDR	120DB	IVA	Target counting/object detection/face detection /Intrusion/Tripwire/VQD

Interface

Audio I/O	1/1	Analog video output	1
Alarm I/O	2/1	Network interface	1xRJ45 10M/100M network adaptive
TF card	Supported, Up to 64GB	Reset	1

Network

Protocol	IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, RTSP, RTP, RTCP, SNMP	Mobile App	AntarView Pro
Onvif	Onvif profile S	VMS	AntarVis 2.0
Max. online User	4		

PTZ

Pan/Tilt Range	Pan: 0°~360°, Tilt: 0°~90°	Working Environment	-40°C~+60°C/0%~95% RH
Rotation speed	Manual: 0.1~180°/s, Preset:180°/s	Power Supply	DC24V1.5A/ PoE (IEEE802.3at)
Preset	256	Power Consumption	Max 36W(power on)
PTZ mode	8 cruise, 4 pattern, 1 horizontal scan	Lighting Protection	EDS 6000V
Idle Motion	Preset/Scan/Cruise/Pattern/OFF	Default bracket	Wall mount
Protocol	Pelco-D, Pelco-P	Dimensions	380(H)*216(D)mm
Ingress Protection	IP66	Net Weight	5.5KG

Ordering Information

Type	Part Number	Description
2MP PTZ Camera	PL-852E23F-AMS	2MP 23x PTZ camera
	PL-852E33F-AMS	2MP 33x PTZ camera

Dimensions (mm)

