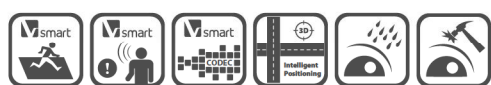


DS-2DE5120/5220I-AE

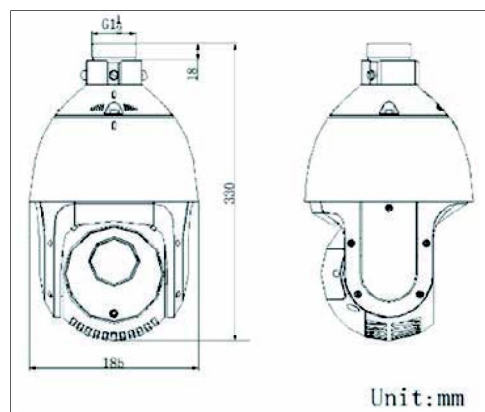
1.3/2MP 20X Network IR PTZ Dome Camera



Key features

- 1/2.8" Progressive Scan CMOS sensor
- 1280×960/1920×1080, 20X Optical Zoom
- Smart Detection
- Defog
- 150m IR distance
- High-PoE / 24VAC power supply
- Vandal proof(IK10)

Dimensions



Accessories



Available models

DS-2DE5120I-AE, 24VAC/PoE+, outdoor
DS-2DE5220I-AE, 24VAC/PoE+, outdoor

	DS-2DE5120I-AE	DS-2DE5220I-AE
Camera Module		
Image Sensor	1/2.8" Progressive Scan CMOS	
Min. Illumination	F1.5, 1/1 sec, 50 IRE, AGC On: Color: 0.02 lux, B/W : 0.002 lux, 0 lux with IR F1.5, 1/30 sec, 50 IRE, AGC On: Color:0.05 lux, B/W : 0.01 lux, 0 lux with IR	
Max. Image Resolution	1280 ×960	1920×1080
Focal Length	4.7-94.0mm, 20x	
Digital Zoom	16X	
Zoom Speed	Approx.3s(Optical Wide- Tele)	
Angle of View	58.3-3.2 degree (Wide-Tele)	
Min. Working Distance	10~1,000mm(Wide-Tele)	
Aperture Range	F1.6~F3.5	
Focus Mode	Auto / Semiautomatic / Manual	
WDR	Support	
S / N Ratio	≥ 52dB	
Shutter Time	1-1/10,000s	
AGC	Auto / Manual	
White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp	
Day & Night	IR Cut Filter	
Privacy Mask	24 privacy masks programmable; optional multiple colors and mosaics	
Enhancement	3D DNR, Defog, HLC/BLC	
Pan and Tilt		
Range	Pan:360° endless; Tilt: -15°-90°(Auto Flip)	
Speed	Pan Manual Speed: 0.1°~400°/s, Pan Preset Speed: 400°/s Tilt Manual Speed: 0.1°~200°/s, Tilt Preset Speed: 200°/s	
Number of Preset	300	
Patrol	8 patrols, up to 32 presets per patrol	
Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan	
Scheduled Task	Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output	
Features		
Detection	Intrusion detection, Line crossing detection, Audio exception	
ROI encoding	Support 2 areas with adjustable levels	
Infrared		
IR Distance	Up to 150m	
IR Intensity	Automatically adjusted, depending on the zoom ratio	
Alarm		
Alarm I/O	2/1	
Alarm Trigger	Intrusion detection, Line crossing detection, Audio exception detection, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception	
Alarm Action	Preset, Patrol, Pattern, Recording, Relay output, Upload center, upload FTP, email linkage	
Input/Output		
Audio Input	1 Mic in/Line in interface, line input: 2-2.4V(p-p); output impedance: 1KΩ, ±10%	
Audio Output	1 Audio output interface, line level, impedance: 600Ω	
Alarm Input	2 (0-5v DC)	
Alarm Output	1 relay output, alarm response actions configurable	
Alarm Trigger	Intrusion detection, Line crossing detection, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception	
Alarm Actions	Preset, Patrol, Pattern, Recording, Relay output, Upload center, upload FTP, email linkage	
Network		
Ethernet	10Base-T / 100Base-TX, RJ45 connector	
Main Stream	50Hz:25fps(1280×960), 25fps (1280×720), 60Hz:30fps(1280×960), 30fps (1280×720)	50Hz:25fps(1920×1080), 25fps (1280×960), 25fps (1280×720); 60Hz:30fps(1920×1080), 30fps (1280×960), 30fps (1280×720)
Sub Stream	50Hz: 25fps(704×576, 352×288, 176×144), 60Hz: 30fps(704×480, 352×240, 176×120)	
Image Compression	H.264/ MJPEG	
Audio Compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE	
Simultaneous Live View	Up to 20 users	
Mini SD Memory Card	Support up to 64GB Micro SD/SDHC/SDXC card. Support Edge recording	
User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User	
Security Measures	User authentication (ID and PW); Host authentication (MAC address); IP address filtering	
System Integration		
Application programming	Open-ended API, support ONVIF, PSIA, CGI and Genetec, Support ezviz cloud P2P	
Web Browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+	
Power	High-PoE&24 VAC, Max.30W	
Working Temperature	-30°C ~ 65°C (-22°F ~ 149°F)	
Humidity	90% or less	
Protection Level	IP66, IK10, TVS 4,000V lightning protection, surge protection and voltage transient protection	
Impact Protection	Outdoor: IEC60068-275Eh, 20J; EN50102, up to IK10 Indoor: IEC60068-275EH, 10J; EN50102, up to IK09	
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC /EN60950-1	
Dimensions	Φ266.6(mm)×365.2(mm)	
Weight (approx.)	4kg (8.81lbs)	
Mount Option	Long-arm wall mount: DS-1602ZJ; Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount:DS-1602ZJ-box;Swan-neck mount: DS-1619ZJ	