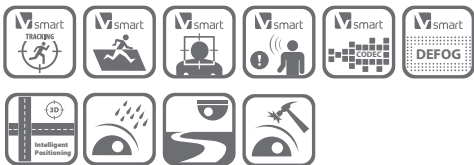


DS-2DF7230I5-AEL

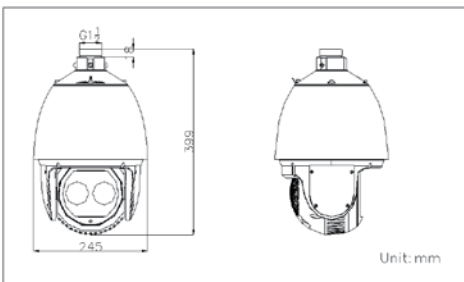
2MP 30X Network Laser PTZ Dome Camera



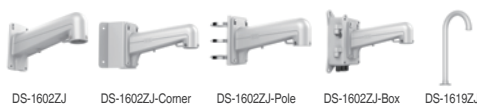
Key features

- 1/2.8" HD CMOS sensor
- 1920×1080P Full HD, 30X Optical Zoom
- DWDR
- Smart Tracking
- Smart Detection
- EIS (Electronic Image Stabilization)
- Defog
- 500m IR distance
- 24VAC power supply
- Vandal proof (IK10)

Dimensions



Accessories



Available models

DS-2DF7230I5-AEL, 24VAC, low temperature, outdoor

DS-2DF7230I5-AEL	
Camera Module	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	F1.6, 1/1 sec, 50 IRE, AGC On: Color : 0.02 lux; B/W : 0.002 lux; 0 lux with IR F1.6, 1/30 sec, 50 IRE, AGC On: Color : 0.3 lux; B/W : 0.02 lux; 0 lux with IR
Max. Image Resolution	1920×1080
Focal Length	4.3-129mm, 30x
Digital Zoom	16X
Zoom Speed	Approx.3s(Optical Wide-Tele)
Angle of View	57.4-2.8 degree (Wide-Tele)
Min. Working Distance	10-1500mm(Wide-Tele)
Aperture Range	F1.6-F5.0
Focus Mode	Auto / Semiautomatic / Manual
Digital WDR	Support
S / N Ratio	≥ 55dB
Shutter Time	50Hz: 1~1/30,000s; 60Hz: 1~1/30,000s
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, EIS, Defog, HLC/BLC
Pan and Tilt	
Range	Pan:360° endless; Tilt: -2°~90° (Auto Flip)
Speed	Pan Manual Speed: 0.1°~160°/s, Pan Preset Speed: 240°/s Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: 200°/s
Number of Preset	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the recording time not less than 10 minutes per pattern
Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
Scheduled Task	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan/Dome reboot/Self-test action/Alarm output
Smart Features	
Smart tracking	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger Smart tracking when patrol between multiple scenarios
Smart detection	Face detection, intrusion detection, line crossing detection ,audio exception
ROI encoding	Support 24 areas with adjustable levels
Infrared	
IR Distance	Up to 500m
IR Intensity	Automatically adjusted, depending on the zoom ratio
Alarm	
Alarm I/O	7/2
Alarm Trigger	Face detection, Intrusion detection, Line crossing detection, Region entrance, Region exiting, Audio exception detection, Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Alarm Action	Preset, Patrol, Pattern, SD/SDHC card recording, Relay output, Notification on Client
Input/Output	
Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
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
Network	
Ethernet	10Base-T / 100Base-TX, RJ45 connector
Main Stream	50Hz: 25fps(1920×1080, 1280×960, 1280×720); 60Hz: 30fps(1920×1080, 1280×960, 1280×720)
Sub Stream	50Hz: 25fps(704×576, 352×288, 176×144); 60Hz: 30fps(704×480, 352×240, 176×120)
Third Stream	50Hz: 25fps(1920×1080, 1280×960, 1280×720, 704×576, 352×288, 176×144) 60Hz: 30fps(1920×1080, 1280×960, 1280×720, 704×480, 352×240, 176×120)
Image Compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High profile
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	Manual REC / Alarm REC, Built-in Micro SD/SDHC/SDXC card Slot, up to 64GB, 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
Web Browser	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Power	Hi-PoE&24 VAC, I3: Max. 43W, I5: Max. 45W
Working Temperature	-40°C ~ 65°C (-40°F ~ 149°F)
Humidity	90% or less
Protection Level	IP66 standard (outdoor dome), TVS 6,000V lightning protection, surge protection and voltage transient protection
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC /EN60950-1
Dimensions	Φ245×399mm (Φ9.65"×15.71")
Weight (approx.)	6.5kg(14.33lbs)
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