

DS-2DF7276 Series

1.3 Megapixel Network IR Speed Dome



Key features

IR function:

- 0 Lux minimum illumination
- Up to 150m IR distance
- IR light MTBF reaching up to 30, 000 hours

System function:

- High performance CMOS, up to 1280x960 resolution
- Support smart tracking
- ±0.1° Preset Accuracy
- ONVIF(Open Network Video Interface Forum), CGI(Common Gateway Interface), PSIA(Physical Security Interoperability Alliance), to ensure greater interoperability between different platforms and compatibility
- 3D intelligent positioning function
- IP66 standard
- 3D DNR
- Power-off memory function: restore PTZ & Lens status after reboot
- Scheduled PTZ movement

Smart function:

- Smart tracking modes: support manual/ panorama/ intrusion trigger/ line crossing trigger / Region entrance trigger /
 Region exiting
- Smart detection: support face detection, intrusion detection, line crossing detection, audio exception detection,
 region entrance, region exiting
- Smart recording: support edge recording, support smart search in smart NVR
- Smart image processing: support defog, HLC, smart IR, EIS
- Smart codec: low bit rate, ROI

Camera function:

- Auto iris, auto focus, auto white balance, backlight compensation and auto day & night switch
- Min. Illumination: 0.02Lux@(F1.6,AGC ON)(Color), 0.002Lux@(F1.6,AGC ON)(B/W)
- Support privacy mask with multiple colors and mosaics on polygonal areas



PTZ function:

- 360° endless pan range and -2°-90° tilt range (-10°-90° optional)
- 240°/s Pan Preset Speed and 200°/s Tilt Preset Speed
- 0.1°-160°/s Manual Pan Speed and 0.1°-120°/s Manual Tilt Speed
- 300 presets programmable; preset image freezing capability
- 8 patrols, up to 32 presets per patrol
- 4 patterns, with the recording time not less than 10 minutes per pattern
- Proportional zoom function
- Park action: auto call up of PTZ movement, after a defined time of inactivity
- 7 alarm inputs and 2 alarm outputs

Network function:

- H.264/MJPEG/MPEG4 video compression and the latest Davinci processing chip and platform
- Support H.264 encoding with Baseline/Main/High profile
- ROI(Region of Interest) encoding(support 24 areas with adjustable levels)
- Built-in Web server
- Micro SD/SDHC/SDXC card local storage
- Support up to 8 NAS storage; Edge recording(transmit the videos from SD card to the NAS after network resumed)
- HTTPS encryption and IEEE 802.1X port-based network access control
- Support three-stream; Basic and advanced video configuration; Real time video at 960P or 720P
- Multiple network protocols supported: IPv4/Ipv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
- 1 audio input and 1 audio output

Application Scenarios

It can be widely applied to places with no lights or weak lights requiring wide-area and high-definition monitoring, such as rivers, forests, highways, railways, airports, ports, sentries, squares, parks, scenic sites, streets, stations, large venues, outside of residential areas, etc.

Specifications

	Model	DS-2DF7276-A:24VAC, Outdoor
Parameter		DS-2DF7276-D:12VDC, Outdoor
raiailletei		1.3 Megapixel Network IR Speed Dome
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Effective Pixel	1320K pixels
		Color : 0.3 lux (F1.6,1/30 sec, 50 IRE, AGC On)
		B/W: 0.02 lux (F1.6,1/30 sec, 50 IRE, AGC On)
		0 lux with IR
	Min. Illumination	
		Color: 0.02 lux (F1.6, 1/1 sec, 50 IRE, AGC On)
		B/W: 0.002 lux (F1.6, 1/1 sec, 50 IRE, AGC On)
		0 lux with IR
	White Balance	Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp



AGC S / N Ratio S	y Hikvision Digital	Technology	
BDDR Support EIS Support HLC Support Defog Support BLC Support Defog Support BLC Support Digital WOR Support Shutter Time Solve: 1-1/30,000s GOW: 1-1/30,000s Day & Night IR Cut Filter Digital Zoom IR Cut Filter Digital Zoom Privacy Mask 24 privacy masks programmable; optional multiple colors and mosaics Focus Mode Auto / Semiautomatic / Manual Focal Length 4.3-129,0mm, 30x Zoom Speed Approx.3s(Optical Wide-Tele) Min. Working Distance 10-1,500mm(Wide-Tele) Aperture Range F1.6-F5.0 Pan Range 360° endiess Pan Manual Speed: 0.1*-160°/s, Pan Preset Speed: 240°/s Tilt Range10*-90°(Auto Filip) portional Tilt Manual Speed: 0.1*-120°/s, Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset 300 Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power off Memory Support On / Off September Scheduled Task Auto scan / Frame scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off September / Perset / Patrol / Pattern / Perset / Panorama scan / Tilt scan / Bome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region extract grigger / Region entrance trigger / Region extract grigger / Region entrance trigger / Region entr		AGC	Auto / Manual
EIS Support HLC Support Defog Support BLC Support BLC Support Shutter Time Solve: 1-1/30,000s GOHz: 1-1/30,000s GOHz: 1-1/30,000s Day & Night GOHz: 1-1/30,000s Day & Night IR Cut Filter Digital Zoom 16X Privacy Mask 24 privacy masks programmable; optional multiple colors and mosaics Focus Mode Auto / Semiautomatic / Manual Focal Length A3-129 Omm, 30x Zoom Speed Approx.3s(Optical Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Min. Working Distance 10-1,500mm(Wide-Tele) Aperture Range F1.6-F5.0 Pan Range 360° endless Pan Manual Speed: 0.1*-160°/s, Pan Preset Speed: 240°/s Tilt Range 1-2*-90°(Auto Flip) -10*-390°(Auto Flip) -10		S / N Ratio	≥ 55dB
HLC Support Defog Support BLC Support Digital WOR Support Solviz: 1-1/30,000s Shutter Time Solviz: 1-1/30,000s GOH:: 1-1/30,000s Day & Night In Cut Filter Digital Zoom In In K Privacy Mask 24 privacy masks programmable: optional multiple colors and mosaics Focus Mode Auto / Semiautomatic / Manual Focal Length 4.3-129,0mm, 30x Zoom Speed Approx.3s(Optical Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Mini. Working Distance 10-1,500mm(Wide-Tele) Aperture Range F1.6-F5.0 Pan Range 360° endless Pan Manual Speed: 0.1"-160"/s, Pan Preset Speed: 240"/s Tilt Range 10"-90"(Auto Flip) optional Tilt Range 10"-90"(Auto Flip) optional Tilt Speed Tilt Manual Speed: 0.1"-120"/s, Tilt Preset Speed: 200"/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset 300 Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Support Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Support Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Postion Display Preset / Patrol / Pattern / Pans can / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Inne crossing trigger / Region entrance trigger / Region exiting trigger Infrared Infrared Infrared Infrared Infrared Alarm		3D DNR	Support
Defog Support BLC Support Digital WDR Support Shutter Time Solve: 1-1/30,000s Shutter Time Solve: 1-1/30,000s Day & Night IR Cut Filter Digital Zoom 16(Hz: 1-1/30,000s) Day & Night IR Cut Filter Digital Zoom 16(Hz: 1-1/30,000s) Focus Mode Auto / Semiautomatic / Manual Focal Length 4.3-129.0mm, 30x Zoom Speed Approx.34(Optical Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Min. Working Distance 10-1,500mm(Wide-Tele) Aperture Range F1.6-F5.0 Pan Range 360° endless Pan Range 360° endless Pan Preset Speed: 200°/s Pan Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset 300 Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Support Preset Freezing Support Manual / Pantson / Pattern / Pan scan / Firame scan / Panorama scan / PTZ Position Display Preset Freezing Support Manual / Panorama / Intrusion trigger / Line crossing trigger / Region entrance trigger / Region entran		EIS	Support
BLC Support Digital WDR Support Shutter Time 501tz: 1-1/30,000s 60Hzz: 1-1/30,000s Day & Night 1R Cut Filter Digital Zoom 16X Privacy Mask 24 privacy masks programmable; optional multiple colors and mosalics Focu Mode Auto / Semisuntate / Manual Focal Length 4.3-129,0mm, 30x Zoom Speed Approx.34(Optical Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Angerure Range F1.6-F5.0 Pan Range 360° endless Pan Manual Speed: 0.1*-160°/s, Pan Preset Speed: 240°/s -2*-90°(Auto Filip) optional Tilt Range 10*-90°(Auto Filip) optional Tilt Speed Tilt Manual Speed: 0.1*-120°/s, Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset 300 Patrol 8 patrols, up to 32 presets per patrol Patren 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Peset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Pegon entrance trigger / Region entrance trigg		HLC	Support
Digital WDR Support Softz: 1:1/30,0005 Day & Night Digital Zoorn 16X Privacy Mask Privacy Mask Focus Mode Auto / Semiautomatic / Manual Focal Length Age of View Approx.3s(Optical Wide-Tele) Min. Working Distance Aperture Range Pan Range		Defog	Support
Shutter Time		BLC	Support
Shutter Time Day & Night Day & Night Digital Zoom Day & Night Digital Zoom Digital Zoom Digital Zoom Digital Zoom Digital Zoom Devisory Mask 24 privacy masks programmable; optional multiple colors and mosaics Focus Mode Auto / Semiautomatic / Manual Focal Length Auto / Semiautomatic / Manual Focal Length Agle of View Day St. 4-2.8 degree (Wide-Tele) Min. Working Distance Aperture Range File-F5.0 Pan Range Pan Range Pan Range Pan Range Pan Range Pan Manual Speed: 0.1*-160*/s, Pan Preset Speed: 240*/s -2*-90*(Auto Flip) Tilt Range -10*-90*(Auto Flip) Tilt Speed Tilt Speed: 0.1*-120*/s, Tilt Preset Speed: 200*/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset Patrol Pattern A patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Preset Freezing Scheduled Task Auto scan / Frame scan / Patrol / Pattern / Penset / Panorama scan / Pitz Position Display Preset Freezing Scheduled Task Manual/Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger Infrared Infrared Infrared Alarm Alarm Alarm Alarm Alarm		Digital WDR	Support
Day & Night IR Cut Filter Digital Zoom 16X Privacy Mask 24 privacy masks programmable; optional multiple colors and mosaics Focus Mode Auto / Semiautomatic / Manual Focal Length 4.3-129.0mm, 30x Zoom Speed Approx.3s(Optical Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Min. Working Distance Aperture Range F1.6-F5.0 Pan Range 360° endless Pan Manual Speed: 0.1°-160°/s, Pan Preset Speed: 240°/s -2°-90°(Auto Flip) Tilt Range -10°-90°(Auto Flip) optional Tilt Speed Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset Patrol 8 patrols, up to 32 presets per patrol Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Dome reboot / Dome adjust / Aux output Manual / Panorama / Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger Infrared Infrared IR Distance IR Distance 150m Ration Alarm Input 7		Shuttor Timo	50Hz: 1-1/30,000s
Digital Zoom 16X Privacy Mask 24 privacy masks programmable; optional multiple colors and mosaics Focus Mode Auto / Semiautomatic / Manual Focal Length 4.3-129,0mm, 30x Zoom Speed Approx.3(Optical Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Min. Working Distance 10-1,500mm(Wide-Tele) Aperture Range F1.6-F5.0 Pan Range 360" endless Pan Preset Speed: 240"/s Pan Preset Speed: 240"/s Tilt Range 1-10"-90"(Auto Flip) optional Tilt 71th Approximate Appr		Shatter Time	60Hz: 1-1/30,000s
Privacy Mask 24 privacy masks programmable; optional multiple colors and mosaics Focus Mode Auto / Semiautomatic / Manual Focal Length 4.3-129 0mm, 30x Approx.35(optical Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Min. Working Distance 10-1,500mm(Wide-Tele) Aperture Range F1.6- F5.0 Pan Range 360" endless Pan Pan Bange 360" endless Pan Speed Pan Manual Speed: 0.1" -160"/s, Pan Preset Speed: 240"/s -2"-90"(Auto Flip) optional Tilt Range -10"-90"(Auto Flip) optional Tilt Speed Tilt Range 11th Preset Speed: 200"/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset 300 Patrol 3 patrols, up to 32 presets per patrol Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Support Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Inter crossing trigger / Region entrance trigger / Region exiting trigger Infrared Infrared IR Distance 150m Ralarm linput 7		Day & Night	IR Cut Filter
Focus Mode Auto / Semiautomatic / Manual Focal Length A.3-129.0mm, 30x Zoom Speed Approx.3s(Optical Wide-Tele) Angle of View 57.4-2.8 degree (Wide-Tele) Min. Working Distance Aperture Range Pan Range Pan Range Pan Manual Speed: 0.1* -160*/s, Pan Preset Speed: 240*/s -2*-90*(Auto Flip) -10*-90*(Auto Flip) -10*-90*(Auto Flip) Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset Patrol Patrol Aperture 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display Preset Freezing Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Region exiting trigger Infrared Infrared IR Distance Alarm Input Alarm Input Automatically adjusted, depending on the zoom ratio		Digital Zoom	16X
Focal Length		Privacy Mask	24 privacy masks programmable; optional multiple colors and mosaics
Zoom Speed Approx.3s(Optical Wide-Tele)		Focus Mode	Auto / Semiautomatic / Manual
Angle of View Angle of View Min. Working Distance Aperture Range Pan Range Pan Range Pan Manual Speed: 0.1* -160*/s, Pan Preset Speed: 240*/s Tilt Range Tilt Speed Tilt Speed Patrol Rotation speed can be adjusted automatically according to zoom multiples Number of Preset Patrol Pa		Focal Length	4.3-129.0mm, 30x
Min. Working Distance Aperture Range Aperture Range Aperture Range Pan Range Pan Range Pan Speed Pan Range Pan Preset Speed: 240°/s -2°-90°(Auto Flip) -10°-90°(Auto Flip) -10°-90°(Auto Flip) Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset Patrol Patrol Patrol Pattern Power-off Memory Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual / Panorama / Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger Right Intensity Alarm Alarm Alarm Min. Working Distance Pance Free. Pance Granders Panc		Zoom Speed	Approx.3s(Optical Wide-Tele)
Aperture Range F1.6- F5.0 Pan Range 360° endless Pan Manual Speed: 0.1° -160°/s, Pan Preset Speed: 240°/s -2°-90°(Auto Flip) -10°-90°(Auto Flip) optional Tilt Range Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples 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 Power-off Memory Support Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Random scan / Tilt	Lens	Angle of View	57.4-2.8 degree (Wide-Tele)
Pan Range 360° endless Pan Manual Speed: 0.1° -160°/s, Pan Preset Speed: 240°/s -2°-90°(Auto Flip) -10°-90°(Auto Flip) optional Tilt Range 71it Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples 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 Power-off Memory Support Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual / Panorama / Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger Infrared In Distance 150m IR Intensity Automatically adjusted, depending on the zoom ratio		Min. Working Distance	10-1,500mm(Wide-Tele)
Pan Manual Speed: 0.1° -160°/s, Pan Preset Speed: 240°/s -2°-90°(Auto Flip) Tilt Range Tilt Manual Speed: 0.1° -120°/s, Tilt Preset Speed: 200°/s Tilt Manual Speed: 0.1° -120°/s, Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset Patrol Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual / Panorama / Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger Infrared IR Distance IR Distance IR Distance Ralamm Input 7		Aperture Range	F1.6- F5.0
Pan Speed Pan Preset Speed: 240°/s -2°-90°(Auto Flip) -10°-90°(Auto Flip) optional Tilt Range Tilt Speed Tilt Speed Tilt Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset Patrol Pattern Power-off Memory Park Action PTZ Position Display Preset Freezing Scheduled Task Auto scan / Frame scan / Random scan / Patron / Preset / Panorama scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region exiting trigger Infrared IR Distance IR Intensity Alarm Input Park Action Preset / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Alarm Input Alarm Input 7		Pan Range	360° endless
Pan Preset Speed: 240°/s -2°-90°(Auto Flip) Tilt Range Tilt Speed Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Number of Preset Patrol Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Park Action PTZ Position Display Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance IR Intensity Alarm Input 7		Dan Spand	Pan Manual Speed: 0.1° -160°/s,
Pan and Tilt Pan and Tilt Partiol Pattern Power-off Memory Preset Freezing Scheduled Task Alarm Partiol Infrared Tilt Range -10°-90°(Auto Flip) optional Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s Rotation speed can be adjusted automatically according to zoom multiples Number of Preset 300 8 patrols, up to 32 presets per patrol Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Alarm		Pan Speed	Pan Preset Speed: 240°/s
Pan and Tilt Pan and Tilt Particl Power-off Memory Park Action Preset Freezing Scheduled Task Smart tracking Infrared Infrared Infrared Tilt Speed Tilt Speed Tilt Manual Speed: 0.1°-120°/s, Tilt Preset Speed: 200°/s Rotation speed can be adjusted automatically according to zoom multiples 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 Support Power-off Memory Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance IR Distance IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Input 7		Tilt Range	-2°-90°(Auto Flip)
Pan and Tilt Pan and Tilt Partol Pattern Power-off Memory Park Action Prz Position Display Preset Freezing Scheduled Task Infrared Infrared Infrared Tilt Speed Tilt Preset Speed: 200°/s Proportional Zoom Rotation speed can be adjusted automatically according to zoom multiples Rotation speed can be adjusted automatically according to zoom multiples 300 Rotation speed x 8 patrols, up to 32 presets per patrol Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Support On / Off Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan On / Off Support Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region exiting trigger Infrared IR Distance IR Distance Rotation speed can be adjusted automatically adjusted, depending on the zoom ratio Alarm Input 7			-10°-90°(Auto Flip) optional
Pan and Tilt Pan and Tilt Partol Pattern Power-off Memory Preset / Patrol / Pattern / Park Action PTZ Position Display Preset Freezing Scheduled Task Scheduled Task Infrared Infrared IR Distance IR Intensity Alarm Pan and Tilt Tilt Tilt Preset Speed: 200°/s Rotation speed can be adjusted automatically according to zoom multiples Rotation speed can be adjusted automatically according to zoom multiples 8 patrols, up to 32 presets per patrol 8 patrols, up to 32 presets per patrol 9 patrol Pattern Power-off Memory Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Input 7		Tilt Speed	Tilt Manual Speed: 0.1°-120°/s,
Number of Preset 300		Tilt Speed	Tilt Preset Speed: 200°/s
Patrol 8 patrols, up to 32 presets per patrol Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Support Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance 150m Alarm Input 7		Proportional Zoom	Rotation speed can be adjusted automatically according to zoom multiples
Tilt Patrol 8 patrols, up to 32 presets per patrol Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Support Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Smart tracking Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance 150m IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Input 7	Don and	Number of Preset	300
Pattern 4 patterns, with the recording time not less than 10 minutes per pattern Power-off Memory Support Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Smart tracking Manual/ Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger Infrared IR Distance 150m Alarm Input 7		Patrol	8 patrols, up to 32 presets per patrol
Park Action Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan PTZ Position Display On / Off Preset Freezing Support Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance 150m IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Input 7		Pattern	4 patterns, with the recording time not less than 10 minutes per pattern
PTZ Position Display Preset Freezing Support Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Alarm		Power-off Memory	Support
Preset Freezing Support Scheduled Task Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Input 7		Park Action	Preset / Patrol / Pattern / Pan scan / Tilt scan / Random scan / Frame scan / Panorama scan
Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan / Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger IR Distance IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Alarm Input Alarm Input Automatically adjusted, depending on the zoom ratio		PTZ Position Display	On / Off
Scheduled Task Dome reboot / Dome adjust / Aux output Manual/ Panorama/ Intrusion trigger / Line crossing trigger / Region entrance trigger / Region exiting trigger Infrared IR Distance IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Alarm		Preset Freezing	Support
Dome reboot / Dome adjust / Aux output		Scheduled Task	Auto scan / Frame scan / Random scan / Patrol / Pattern / Preset / Panorama scan / Tilt scan /
Smart tracking Region exiting trigger			Dome reboot / Dome adjust / Aux output
Infrared IR Distance 150m IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Input 7		Smart tracking	Manual/ Panorama/ Intrusion trigger/ Line crossing trigger / Region entrance trigger /
Infrared IR Intensity Automatically adjusted, depending on the zoom ratio Alarm Input 7			Region exiting trigger
IR Intensity Automatically adjusted, depending on the zoom ratio Alarm 7	Imfu	IR Distance	150m
Alarm	intrared	IR Intensity	Automatically adjusted, depending on the zoom ratio
Alarm Output 2 relay outputs, alarm response actions configurable	A1e	Alarm Input	7
	Alarm	Alarm Output	2 relay outputs, alarm response actions configurable

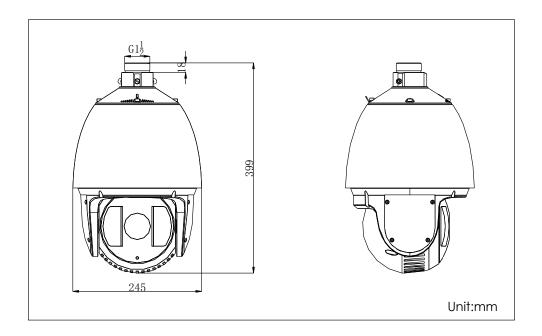


y Hikvision Digita	Technology	
		Face detection, Intrusion detection, Line crossing detection, Region entrance, Region exiting,
	Alarm Trigger	Motion detection, Audio Exception Detection, Dynamic analysis, Tampering alarm, Network
		disconnect, IP address conflict, Storage exception
	Alarm Action	Preset, Patrol, Pattern, SD/SDHC card recording, Relay output, Notification on Client
	Monitor Output	1.0V[p-p] / 75Ω, NTSC (or PAL) composite, BNC
Immust /	Audio Input	1 Mic in/Line in interface
Input/	Audio Input	Line input: 2-2.4V[p-p]; output impedance: 1KΩ, ±10%
Output	And's Control	1 Audio output interface
	Audio Output	Line level, impedance: 600Ω
	Ethernet	10Base-T / 100Base-TX, RJ45 connector
	Max. Image Resolution	1280×960
		50Hz:25fps(1280×960), 25fps (1280×720)
	Main Stream	60Hz:30fps(1280×960), 30fps (1280×720)
		50Hz:25fps(704×576), 25fps (352×288), 25fps (176×144)
	Sub Stream	60Hz:30fps(704×480), 30fps (352×240), 30fps (176×120)
		50Hz:25fps(1280×960), 25fps (1280×720), 25fps(704×576), 25fps (352×288), 25fps (176×144)
	Third Stream	60Hz:30fps(1280×960), 30fps (1280×720), 30fps(704×480), 30fps (352×240), 30fps (176×120)
	Image Compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High profile
	SVC	Support
	ROI encoding	Support 24 areas with adjustable levels
	Audio Compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722
Network		IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP,
	Protocols	TCP, UDP, IGMP, ICMP, DHCP, PPPoE
	Number of	
	Simultaneous Live	Up to 20
	View	
	Three Streams	Support
		Manual REC / Alarm REC.
	Mini SD Memory Card	Built-in Micro SD/SDHC/SDXC card Slot, up to 128GB
		Edge recording
	User/Host Level	Up to 32 users,3 Levels: Administrator, Operator and User
	000.7.1000 2000.	User authentication (ID and PW),
	Security Measures	Host authentication (MAC address)
		IP address filtering
	Interface for	
	application	Open-ended API, support ONVIF(Profile G), PSIA and CGI
System Integration	programming	Support Genetec
	Client	iVMS-4200
	Web Browser	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, support multi-language
	Menu Language	Chinese/English
	RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
General	Power	24VAC(only for –A model); 12VDC(only for –D model)
		Max. 50W
		IVIAN. DUVV



Hikvision Digital Technology					
	Working Temperature	-30 °C-65 °C (-22 °F -149 °F)			
	/ Humidity	90% or less			
	Protection Level	IP66 standard			
		TVS 4,000V lightning protection, surge protection and voltage transient protection			
	Mounting	Various mounting modes optional			
	Dimensions	Ф245×399mm (Ф9.65″×15.71″)(Outdoor)			
	Weight (approx.)	6Kg (13.22 lbs)			
	Mount Option (only suitable for outdoor dome)	Long-arm wall mount: DS-1602ZJ;Corner mount: DS-1602ZJ-corner; Pole Mount: DS-1602ZJ-pole; Power box mount:DS-1602ZJ-box			

Dimensions



Order models

- DS-2DF7276-A, AC24V, outdoor
- DS-2DF7276-D, DC12V, outdoor



Accessories



DS-1602ZJ Long-arm Wall Mount Bracket