

DS-HD787JHSP-291D-20X

High Speed Dome/PTZ

Product pictures



Product features

- Aluminum alloy spherical shell design, compact structure. The shell is beautiful, durable, high protection strength, heating and cooling performance. Waterproof and dustproof grade: IP66, with lens and light boards isolated.
 - With wiper function, being able to clean camera and laser light simultaneously
 - Support IR LED brightness control, including auto-control(Indoor mode), auto-control(Outdoor mode), manual control, can realize low, medium, high IR brightness irradiation according to the distance of surveillance target, meet different brightness requests, can reach 120 meters at night with 1pcs laser light.
 - Support 128 presets(extensible to 256), horizontal 360°, vertical 135°(up 40°). Support horizontal, vertical, pattern, with auto-flip function. Two random position storage/call, accurate positioning.
 - Support multiple communication protocol and baud rate, high system compatibility.
 - Support static IP(set the IP address, subnet mask, gateway and DNS);
- Support PPPOE, RTSP, VLC, NTP, UPNP; Support stream type switchable (composite or video stream); Support image parameters adjustable(brightness, contrast, hue, saturation); Support stream type switchable(CBR or VBR); Support 1ch probe detection, can set name of probe、open or closed mode、time of detection; Support multi area motion detection, can set motion area, sensitivity and time; Support privacy mask alarm, can set sensitivity and time

Camera

Image Sensor:	1/2.8" Progressive Scan CMOS
Effective Pixels:	1920(H)x1080(V)
Signal System:	PAL/NTSC
	Color : 0.3 lux (F1.6, 1/30 sec, 50 IRE, AGC On)

Minimum Illumination:	B/W : 0.02 lux (F1.6, 1/30 sec, 50 IRE, AGC On)
	0 lux with IR
	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
AGC:	Auto/Manual
BLC:	ON/OFF
WDR:	Support
Shutter Time:	50Hz: 1-1/30,000s
	60Hz: 1-1/30,000s
Day& Night:	ICR
Privacy Masking:	8 privacy masks programmable; optional multiple colors and mosaics
Auto Focus:	Auto / Manual



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Lens	
Focal Length:	20x f5-100mm
Aperture Range:	F1.5-F3.2
Pan & Tilt	
Pan Range:	360°endles
Pan Speed:	0.4°~80°/s
Tilt Range:	-40°-85° (Auto Flip)
Tilt Speed:	0.4°~40°/s
Proportional Zoom:	Rotation speed can be adjusted automatically according to zoom multiple s
Number of Preset:	128
Patrol:	8 patrols, up to 32 presets per patrol
Pattern:	4 patterns, with the recording time not less than 180 seconds per pattern
Park Action:	Preset / Patrol / Pattern / Pan scan
PTZ Position Display:	ON/OFF
Infrared	
IR irradiation distance:	500m
IR irradiation angle:	Adjustable by zoom
Alarm	
Alarm Input:	1 Inputs
Alarm Output:	1
Alarm Actions:	Preset, patrol, pattern, SD/SDHC card recording, relay output, notifi catio n on client
Input & Output	
Monitor Output:	1.0Vp-p / 75Ω, NTSC (or PAL) composite, BNC
Audio Input:	1 CH Line in interface
Audio Output:	1 Audio output interface
Network	
Ethernet:	10Base -T, /100Base-TX, RJ45 Connector
Max.Image Resolution:	1920×1080
Main Stream:	1920*1080, 1-25 (30) fps;1280*720, 1-25 (30) fps
Sub Stream:	640*480, 1-25 (30) fps ; 320*240, 1-25 (30) fps; 160*112, 1-25 (30) fps
Image Compression:	H.265/H.264/MJPEG/MPEG4
ROI encoding:	Support 8 areas with adjustable levels
Audio Compression:	G.711ulaw/G.711alaw/G.726
Protocols:	IPv4, HTTP, HTTPS, 802.1x, FTP, SMTP, UPnP, DNS, DDNS, NTP,
No. of Simultaneous	Up to 20 users
Mini SD Card:	Built-in SD/SDHC Slot, up to 128GB
Camera Control:	Pan/Tilt, Zoom, Focus, Click centering, Zoom by mouse dragging, Iris, pr

Web Browser:	IE 6.0+, 360, Firefox 5.0 +, google
General	
RS-485 Protocols:	PELCO-D、PELCO-P、KALATEL、VCL、MOLYNX、VICON
Menu Language:	English / Chinese
Power Supply:	24 VAC
Power Consumption:	24 VAC: (PTZ+IR) 30W (PTZ+IR+Heating) 50W
Working Temperature/Humidity:	24 VAC: -40℃-60℃(-40°F-144°F)(outdoor dome) 90% or less
Protection Level:	IP66 standard (outdoor dome) TVS 4,000V lightning protection, surge protection and voltage transient pr
Mounting:	Various mounting modes optional
Dimensions:	328mm×197mm×438mm
Carrying weight:	3.5KG
Weight (approx.):	9.6KG

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