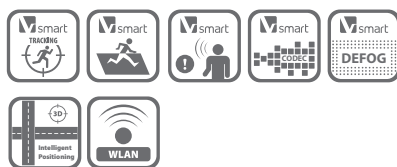


DS-2DF5220S-DE4/W

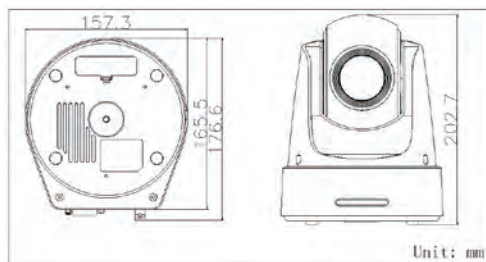
2 MP 20x Network PTZ Dome Camera



Key Features

- 1/3" HD CMOS Sensor
- 1920 x 1080 Full HD, 20x Optical Zoom
- WiFi
- Digital WDR
- Smart Tracking
- Smart Detection
- EIS (Electronic Image Stabilization)
- PoE+/12 VDC Power Supply

Dimensions



	DS-2DF5220S-DE4/W
Camera Module	
Image Sensor	1/3" progressive scan CMOS
Minimum Illumination	Color: 0.3 lux, B/W: 0.02 lux (f/1.6, 1/30 sec, 50 IRE, AGC on)
Max. Image Resolution	1920 × 1080
Focal Length	4.7 mm to 94 mm, 20x
Digital Zoom	16x
Zoom Speed	Approximately 2.7 s (optical wide to tele)
Angle of View	58.3° to 3.2° (wide to tele)
Min. Working Distance	10 mm to 1500 mm (wide to tele)
Aperture Range	f/1.6 to f/3.5
Focus Mode	Auto/semiautomatic/manual
WDR	Digital WDR
S/N Ratio	≥ 55 dB
Shutter Speed	1 to 1/30,000 s
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, SVC
Pan and Tilt	
Range	Pan: 360° endless; tilt: -30° to 90° (auto flip)
Speed	Pan manual speed: 0.1° to 150°/s, pan preset speed: 270°/s Tilt manual speed: 0.1° to 120°/s, tilt preset speed: 200°/s
Number of Presets	300
Patrols	8 patrols, up to 32 presets per patrol
Patterns	4 patterns, with the recording time not less than 10 minutes per pattern
Park Actions	Preset/patrol/pattern/auto scan/tilt scan/random scan/frame scan/panorama scan
Scheduled Tasks	Preset/patrol/pattern/auto scan/tilt scan/random scan/frame scan/panorama scan/dome reboot/dome adjust/aux output
Smart Features	
Smart Tracking	Manual/panorama/intrusion trigger/line crossing trigger/region entrance trigger/region exiting trigger
Smart Detection	Intrusion detection, line crossing detection, audio exception detection, region entrance, region exiting
ROI Encoding	Supports 24 areas with adjustable levels
Alarm	
Alarm I/O	2/1
Alarm Trigger	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, microSD/SDHC card recording, relay output, notification on client, smart snapshot, upload FTP, e-mail linkage
Input/Output	
Monitor Output	1.0 V(p-p)/75 Ω, NTSC (or PAL) composite, BNC
Audio Input	1 mic in/line in interface, line input: 2 to 2.4 V(p-p); output impedance: 1 K Ω, ±10%
Audio Output	1 audio output interface, line level, impedance: 600 Ω
HD-SDI Output	1 HD-SDI interface Video output: 720p @ 30 fps; 1080p @ 30 fps
YPbPr Output	1 YPbPr interface, video output: 720p @ 60 fps; 1080p @ 60 fps
HDMI Output	1 HDMI interface, video output: 720p @ 60 fps; 1080p @ 60 fps
Wifi	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40 MHz support
Protocols	802.11b: CCK, QPSK, BPSK; 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transfer Rates	11b: 11 Mbps; 11g: 54 Mbps; 11n: up to 150 Mbps
Wireless Range (max.)	30 meters (*The performance varies depending on actual environment.)
Network	
Ethernet	10Base-T/100Base-TX, RJ-45 connector
Main Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	30 fps (704 × 480, 352 × 240, 176 × 120)
Third Stream	30 fps (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
MicroSD Memory Card	Supports up to 128 GB microSD/SDHC/SDXC card. Supports 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, supports ONVIF, PSIA, CGI, ISAPI
Web Browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+, supports multi-language
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
RS-232	Visca, Pelco-P, Pelco-D
Power	12 VDC, PoE+, maximum 24 W
Working Temperature	-10° C to 50° C (-14° F to 122° F)
Humidity	90% or less
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC/EN60950-1
Dimensions	Φ176.6 mm × 202.7 mm (6.95" × 7.99")
Weight (approximately)	1.8 kg (3.97 lbs)

Order Model

DS-2DF5220S-DE4/W