



**PTZ CAMERAS**

**GE-HFW-1220-SD**



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## Introduction

GE-HFW-1220-SD The camera is suitable for the scenes which requires high definition image display such as finance, telecommunications, government, schools, shops, airports, factories and hotels and so on.

### Specification

Model		GE-HFW-1220-SD
Camera Module	Image Sensor	1 / 2.8" Progressive Scan CMOS
	Effective Pixels	2MP
	White Balance	Auto / Manual
	AGC	Auto / Manual
	3D DNR	Yes
Lens	Focal Length	5.5 ~ 110 mm
Function	Pan Range	360° endless rotation
	Pan Speed	Manual control speed: 0.1° ~ 120°/s; preset
	Tilt Range	0 ~ 90°
	Tilt Speed	Manual control speed: 0.1° ~ 50°/s; preset
	Zoom	Yes
	Preset	256 presets
	Cruise	8 cruises, 16 presets for each cruise
	Scan	2 scans
	Track	4 tracks, 3 minutes' recording for each track
	Time Task	Yes
	Home Position	Yes
	Power Off Memory	Yes
IR Function	IR Distance	100 m night view distance
	IR Control	Brightness and angle of the IR LEDs to be smartly
System Integration	Alarm Input	4 CH (5 ~ 12VDC)
	Alarm Output	1 CH, support alarm trigger ( preset, snap, FTP)
	Network Interface	Built-in RJ45 network port, support 10M /
	SD Card Interface	Built-in Micro SD card slot, support manual
	API	API, SDK, ONVIF, GB/T28181
	Analog HD Output	BNC
Network	Max Image Size	1920 x 1080
	Resolution	Main stream : 1920 x 1080, 1280 x 720 Sub
	Video Compression	H.265 / H.264 / MJPEG
	Video Compression Protocol	G.711A / G.711U
	Network Protocol	TCP / IP, UDP, DHCP, UPnP, DDNS, NTP, RTSP,
	Preview Video channels	Max 10 CH
Angle Adjustment Case	Any angle	
HD Analog	Max. Image Size	1920 x 1080
	Video Output	AHD and TVI optional
General Specifications	OSD Menu	Chinese / English
	Power Supply	DC24V 3000 mA( 15W, max 65W)
	Working Environment	-20 ~ 60°C; humidity: less than 90%
	Protection Level	IP66, IK10, TVS6000V lightning protection, surge protection

### Characteristics

- ❖ 1 / 2.8" progressive CMOS, 20x optical zoom AHD/TVI CVI/CVBS Auto
- ❖ iris, auto focus, auto white balance, BLC and 3D DNR
- ❖ HD network video output : 2048 x 1536 @30fps
- ❖ HD analog video output : AHD and TVI optional, 1920 x 1080 @30fps
- ❖ H.265 and H.264 network image compression format
- ❖ TCP / IP, UDP, DHCP, UPnP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE, IPv4
- ❖ SD card local storage, network remote storage
- ❖ Web GUI Menu
- ❖ Efficient IR array to assist in illumination, low power consumption and up to 50 m IR night view distance
- ❖ IR LEDs and matching algorithm for ideal image condition by adjusting the brightness and angle of the IR LEDs based on the zoom ratio and distance
- ❖ Built-in heat treatment device to lower the inside temperature and avoid fogging of the camera rear cover
- ❖ Using 3D intelligent position function through the DVR, client software and IE to realize tracking and amplification
- ❖ Power off memory — restoring the PTZ and lens status automatically to its previous status (the status just before the dome is powered off) after the dome is powered on
- ❖ IP66 ingress protection; TVS 6000V lightning protection, surge protection
- ❖ 1 CH audio input and 1 CH audio output
- ❖ Precision motor driving, sensitive response, smoothly running, less than 0.1° precision error and no image floating at any speed
- ❖ Support home position function

### Dimensions

