

DG742MF-FB-IR



IR option not shown in this image

Introduction:

DG742MF-FB Series IP Cameras are designed for high definition network surveillance based on high-performance multimedia processor, also it supports Low Illumination. It adopts the embedded Linux OS. It supports H.264 Main Profile, Baseline Profile and so on video encoding standards. It has SD card storage and picture snapshot. It is a set of video capture, image processing, video transmission, video storage, video management functions in one type of high-definition, high-performance network camera. Also, it comply with IP 66 protection, can impact against 1 ton.

Features & Functions :

- High resolution support up to full 720P;
- 1/3" Progressive Scan CMOS with Wide Dynamic Range(WDR);
- H.264 Main Profile@Level 3, realize transmission of High Definition video over low network bandwidth easily;
- Support dynamic IP address , LAN, Internet (ADSL and Cable Modem);
- Support protocols: RTSP, RTP, HTTP, TCP/IP, UDP, SMTP, PPPoE, DDNS, DNS, SNTP,DHCP, FTP,SNMP;
- 1ch Mic input and 1ch linear audio output;
- Auto-adjusting frame rate according to realtime network rate;
- Alarm recording: video lost, motion detection and sensor alarm;
- Comply with IP 66 protection, can impact against 1 ton;
- Low Illumination
- Conforms to ONVIF.

Specifications

Option	Public Parameters for all the IP cameras listed on the table above.
Image Sensor	1/3" Progressive Scan CMOS with Wide Dynamic Range(WDR)
Lens	Optional 2.8mm/12mm fixed iris manual zoom lens
Minimum illumination	0.05 Lux(Color)@ (F1.2, AGC ON)
Day / Night Mode	electronic ICR
Dual Stream	Yes
Video Compression	H.264 Main Profile@Level 3.0 MJPEG /JPEG Baseline
Main Stream	1280*720(1-25 fps) 30fps for lower resolution.
Sub Stream	640*480(1~30 fps) 320*240(1~30 fps) 160*120(1~30 fps)
Video Bit rate	32 kbps ~ 16 Mbps adjustable, support CBR and VBR
Audio Compression	G.711
Protocols	TCP / IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP
Talkback Input	1 Ch MIC Interface
Audio Output	1 Ch Linear RCA Output
Title OSD	Supports channel name, date, and video stream information overlay; OSD location is adjustable
SD Card Interface	2.0 standard Micro SD card (TF card), maximum storage 16G Support Video storage and image snapping (Please indicate when you place an order)
communication	1 RJ45 10M/100M self-adapted Ethernet port
Alarm Input	1 Ch NC/NO Adjustable
Alarm Output	1 Ch NC/NO output, 120VAC 1A or 24VDC 1A
Power Input	DC12V/1A (or POE)
Working temperature	-10C ~ +55C
Impact Protection	IP66
Power Consumption	8W(MAX)
Dimension	112mm * 165mm diameter
Weight	1.5kg

Optional Models

Model	Main Function added
DG742MF-FB	Basic Model, parameters for details, please refer to the follow table.
DG742MF-FB-E	Add POE function on DG742MF-FB
DG742MF-FB-W	Add WIFI function on DG742MF-FB. 802.11b/g standard, support WEP, WPA, WPA2 encryption protocol. Max wifi distance 100m
DG742MF-FB-IR	Add add ICR function and IR lights on DG742MF-FB, 21 infrared LEDs, max infrared range: 15 m, color 0.1 Lux\B&W 0.001 Lux
DG742MF-FB-E-IR	Add add POE&ICR function and IR lights on DG742MF-FB, 21 infrared LEDs, max infrared range: 15 m, color 0.1 Lux\B&W 0.001 Lux
DG742MF-FB-W-IR	Add add WIFI&ICR function and IR lights on DG742MF-FB, 21 infrared LEDs, max infrared range: 15 m, color 0.1 Lux\B&W 0.001 Lux