

## DG842MF



### Introduction:

DG842MF Series IP Cameras are designed for high definition network surveillance based on high-performance multimedia processor, also it supports Ultra 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 supports Ultra Low Illumination.

### Features & Functions :

High resolution support up to full 720P;

1/3" Progressive Scan CMOS;

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;

Ultra Low Illumination

Support Wide Dynamic Range function

Conforms to ONVIF.

## Specifications

<b>Public Parameters</b>	Public Parameters for all the IP cameras listed on the following table.
<b>Image Sensor</b>	1/3" Progressive Scan CMOS
<b>Lens</b>	Optional 2.8mm/12mm fixed iris manual zoom lens
<b>Minimum illumination</b>	0.05 Lux@ (F1.2, AGC ON)
<b>Day / Night Mode</b>	Electronic Color to B/W
<b>Dual Stream</b>	Yes
<b>Video Compression</b>	H.264 Main Profile@Level 3.0 MJPEG /JPEG Baseline
<b>Main Stream</b>	1280*720(1-25 fps) Lower resolution (1~30fps)
<b>Sub Stream</b>	640*480(1~30 fps) 320*240(1~30 fps) 160*120(1~30 fps)
<b>Video Bit rate</b>	32 kbps ~ 16 Mbps adjustable, support CBR and VBR
<b>Audio Compression</b>	G.711
<b>Protocols</b>	TCP / IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, FTP, NTP, PPPOE, SMTP, UPNP
<b>Talkback Input</b>	1 Ch MIC Interface
<b>Audio Output</b>	1 Ch Linear RCA Output
<b>Title OSD</b>	Supports channel name, date, and video stream information overlay; OSD location is adjustable
<b>SD Card Interface</b>	SD2.0 standard, maximum storage 32G Support Video storage and image snapping
<b>communication</b>	1 RJ45 10M/100M self-adapted Ethernet port
<b>Alarm Input</b>	1 Ch NC/NO Adjustable
<b>Alarm Output</b>	1 Ch NC/NO output, 120VAC 1A or 24VDC 1A
<b>Power Input</b>	DC12V
<b>Working environment</b>	Temperature: -10C to +55C; Humidity: 0% - 90%
<b>Power Consumption</b>	5W(MAX)
<b>Dimension</b>	148mm * 78mm * 56mm
<b>Weight</b>	0.56kg

## Models

<b>Model</b>	Extended functions
<b>DG842MF</b>	Basic Model, parameters for details, please refer to the table above.
<b>DG842MF-E</b>	Add POE function on DG842MF
<b>DG842MF-W</b>	Add WIFI function on DG842MF. 802.11b/g standard, support WEP, WPA, WPA2 encryption protocol. Max wifi distance 100m