

DG853MF-IR



Introduction:

DG853MF-IR 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.

Features & Functions :

- High resolution support up to full 1080P;
- 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 supported;
- Conforms to ONVIF;
- 2.8 ~12mm lens;
- IR range up to 50 meters.

Specifications

Public Parameters	Public Parameters for all the IP cameras listed on the following table.
Image Sensor	1/3" Progressive Scan CMOS
Lens	Optional 2.8mm/12mm fixed iris manual zoom lens
Minimum illumination	color 0.1 Lux @(F1.2 AGC ON)\B&W 0.001 Lux @(F1.2 AGC ON)
IR parameters	4 high power infrared LED s, max infrared range: 50m
Day / Night Mode	electronic ICR
Dual Stream	Yes
Video Compression	H.264 Main Profile MJPEG /JPEG Baseline
Main Stream	1920*1080(1-25 fps) 1280*960(1-30 fps) 1280*720(1-30 fps)
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	SD2.0 standard Micro SDHC card, maximum storage 32G Support Video storage and image snapping. (Need Customized in advance)
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
Working environment	Temperature: -10C to +55C; Humidity: 0% - 90%
Power Consumption	15W(MAX)
Dimension	257(lenth)*122(width)*120(height)mm
Weight	1.8 kg

Models

Model	Extended functions
DG853MF-IR	Basic Model, parameters for details, please refer to the table above.
DG842MF-SIR-W	Add WIFI function on DG853MF-IR. 802.11b/g standard, support WEP, WPA, WPA2 encryption protocol. Max wifi distance 100m