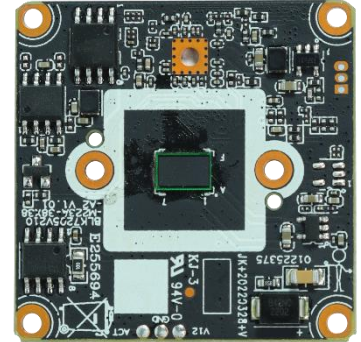


IVG-G4F-A 4.0M Low illumination H.265 AI IP Camera Module

Features:

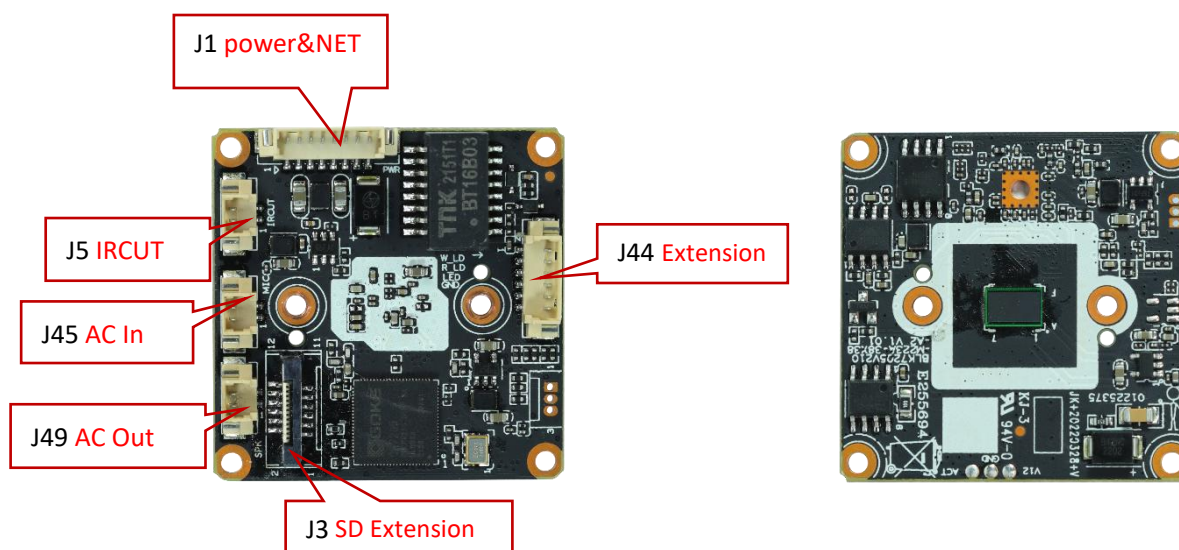
- Supporting human detection, face detection, and support to customize other intelligent functions;
- 4.0MP HD Low illumination resolution,clear and fine images;
- Support 2D/3D noise reduction,digital wide dynamic;
- Advanced H.265+ (Compatible with H.265/H.264) video compression,Super low rate,high definition quality of image;
- Professional anti-lightning,conform to GB/T17626.5 and IEC61000-4-5.
- Support ONVIF;access third party;
- Support various mobile monitoring(iPhone,Android);
- Provide web、CMS、center platform management software MYEYE,provide SDK development
- Support cloud technology,easy to achieve network penetration,fro in-line and alarm information pushed



Parameters:

	Model	IVG-G4F-A
Module	System structure	Embedded RTOS,dual-core 32bit DSP(GK7205V210),pure hard compression ,watch dog
	Sensor	4.0M 1/2.8"SC5239S Low illumination CMOS sensor, color 0.01Lux@F1.2, black/white 0.001Lux@F1.2
	Video compression	H.265+(Compatible with H.265/H.264), support dual stream, AVI;0.1M~8Mbps variable;1~30f/s variable
	Image output	Main stream: 4MP 2560*1440@18fps;3MP 2304*1296@20fps;2MP 1920*1080@25fps; sub-stream: 800*448@25fps;
	Shutter	1/50(1/60) s to 1/10,000s
	Lens	N/A
	Day and night	Support IR-CUT, IR-CUT coil has an internal resistance of 20 ohms, the power-on time is less than 200ma, and the voltage is 3.5V-6V
Image	Noise reduction	Support 2D/3D
	Wide dynamic	Support digital
	Auto iris	N/A
Interface	Audio compression	G.711, support bidirectional talk,audio&video synchronization
	Audio interface	1ch input, level:2Vp-p,impedance:1kΩ,support sound pick-up input;1ch output,impedance:16Ω,30mw,support microphone
	Network interface	1*RJ45 10/100M adaptive Ethernet port; support RTSP/FTPDHCP/NTP/UPnP etc
	Extension interface	Support extended SD card and WiFi
	Singal interface	One photo resistance interface,one IR-CUT interface ,support photo resistance signal and IR-CUT links to IR
	PTZ	N/A
	Motor interface	N/A
	Alarm I/O	N/A
	WIFI interface	N/A (Extended support)
	Reset interface	N/A
	SD Card	N/A (Extended support)
Intelligence	Intelligence analysis	Supporting human detection, face detection, and support to customize other intelligent functions

Other function	Other function	Support WEB,OSD,live video transmission, motion detect and IO alarm, front-end storage/playback/download, and center reminder and image linkage, support FTP capture; united remote client monitoring software、MYEYE;perfect SDK;
	ONVIF	Support
	Mobile monitoring	Support multiple mobile monitoring (iOS, Android)
General	Reliability	Comprehensive lightning protection, 7 * 24 hours -10℃~65℃high temperature stable and reliable testing
	Power	DC12V/2A input, power consumption: ≤3W
	Dimension	38mm*38mm
	Other	Support POE power supply, not support any custom, The drive voltage of the light board is at 3.3V



Socket	Specific No	Interface Description	Function
J5	1	IR-CUT	IR-CUT
	2	IR-CUT	IR-CUT
J44	1	W_LED_GPIO0_4	White light control
	2	R_LED_GPIO2_0	Infrared light signal control
	3	LED/GPIO6_5	LED control
	4	GND	GND
	5	IO/GPIO6_4	Reserved IO
	6	IO/GPIO1_7	Reserved IO
J1	1	ETH_LINK_ACT_LED	Indicator light
	2	ETH_LINK_STA_LED	Indicator light
	3	ETHTX+	ETHTX+
	4	ETHTX-	ETHTX-
	5	ETHRX+	ETHRX+
	6	ETHRX-	ETHRX-
	7	GND	GND
	8	12V	12V input
J45	1	MICN	Audio input

	2	AC_IN	
J49	1	SPKN	Audio output
	2	SPKP	
J3	1	SDIO0_CCLK_OUT	SD card clock
	2	SD_DATA0	SD card data DATA0
	3	SD_DATA1	SD card data DATA1
	4	SD_DATA2	SD card data DATA2
	5	SD_DATA3	SD card data DATA3
	6	SD_CMD	Order
	7	WIFI_PDN	WIFI power control signal
	8	GND	GND
	9	WIFI_DN	WIFI Signal -
	10	GND	GND
	11	WIFI_DP	WIFI Signal +
	12	3V3	3V3