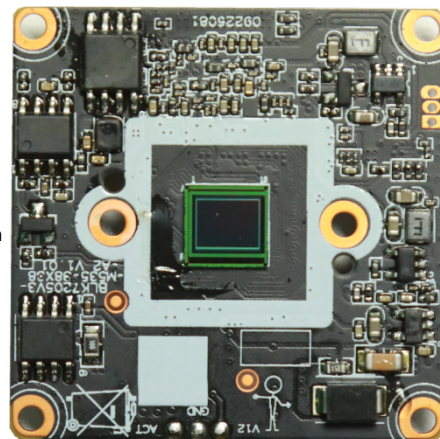


IVG-G6S 6.0M Black Light H.265 AI IP Camera Module

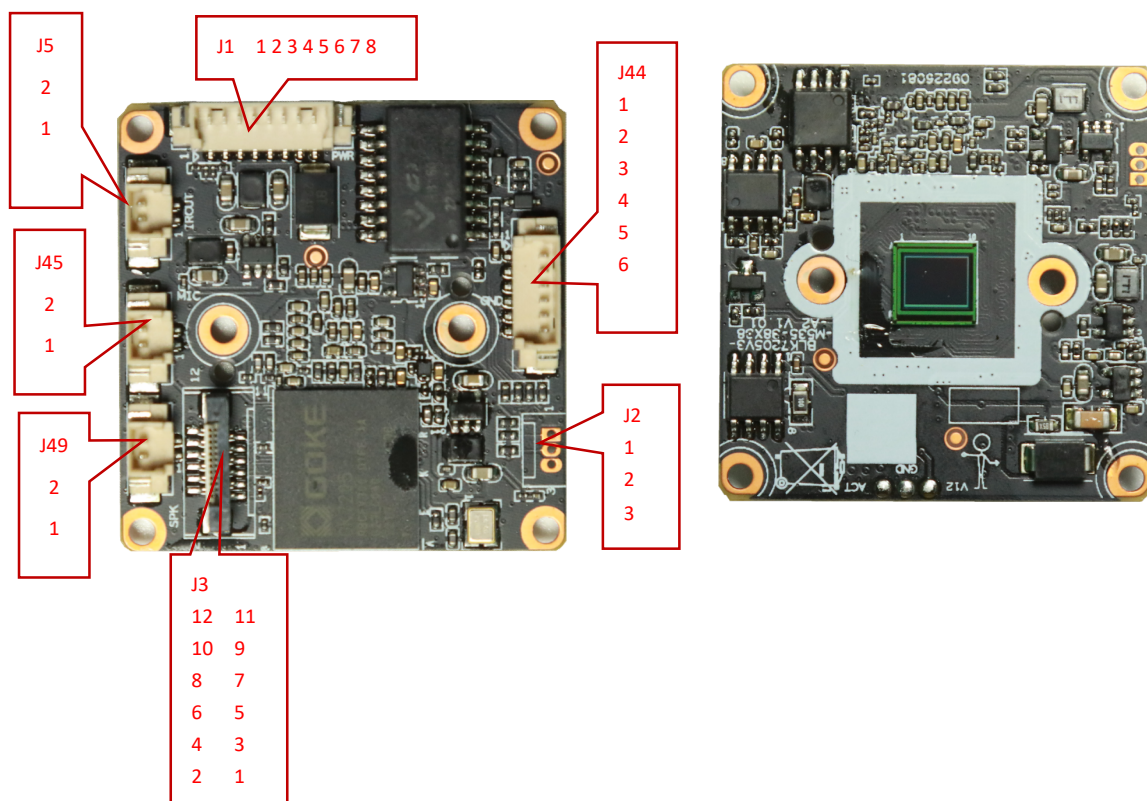
Features:

- Supporting human detection, face detection, Vehicle shape detection and support to customize other intelligent functions
- 6.0MP HD Black light 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-G6S
System structure	Embedded RTOS,dual-core 32bit DSP(GK7205V300),pure hard compression ,watch dog
Sensor	6.0M 1/2.8" Black light illumination CMOS sensor,color 0.0001Lux@F1.2,black/white 0.0001Lux@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: 6MP 3072*2048@20fps; 5MP 2880*1616@25fps; 4MP 2560*1440@25fps; 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 coil has an internal resistance of 20 ohms, the power-on time is less than 200ma, and the voltage is 3.5V-6V
Noise reduction	Support 2D/3D
Wide dynamic	Support digital Wide dynamic
Auto iris	N/A
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/FTP/DHCP/NTP/UPnP etc
Extension interface	Support external SD、WIFI to expand other functions
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
Reset interface	N/A
SD Card	N/A
Reliability	Comprehensive lightning protection, 7 * 24 hours 65 °C high temperature stable and reliable testing
Intelligence analysis	Supporting human detection, face detection, Vehicle shape detection and support to customize other intelligent functions
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 JPEG capture; united remote client monitoring sofaware、MYEYE;perfect SDK;
ONVIF	Support
Mobile monitoring	Support multiple mobile monitoring (iOS、Android)
Power	DC12V/2A input, power consumption:≤3W,
Dimension	38mm*38mm
Other	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
J2	1	UART0_RXD	Debug Serial port accept
	2	UART0_TXD	DebugSerial port send
	3	GND	GND
J44	1	W_LED_GPIO0_4	White light control
	2	R_LED_GPIO6_4	Infrared light signal control
	3	LED/GPIO8_2	LED control pin
	4	GND	GND
	5	IRIN_GPIO8_1	Hard light sensitive pin
	6	IO/GPIO8_3	Reserved IO/KEY
J1	1	ETH_LINK_ACT_LED	LED/PHY_AD0
	2	ETH_LINK_STA_LED	LED/PHY_AD1
	3	ETHTX+	Ethernet signal+
	4	ETHTX-	Ethernet signal-
	5	ETHRX+	Ethernet signal+
	6	ETHRX-	Ethernet signal-

	7	GND	GND
	8	12V input	12V INPUT
J45	1	MICN	MIC
	2	AC_IN	
J49	1	SPKN	SPK
	2	SPKP	
J3	1	SDIO0_CCLK_OUT	SDIO0_CCLK_OUT
	2	SD_DATA0	SD DATA0
	3	SD_DATA1	SD DATA1
	4	SD_DATA2	SD DATA2
	5	SD_DATA3	SD DATA3
	6	SD_CMD	SD_CMD
	7	WIFI_PDN	WIFI_PDN
	8	GND	GND
	9	WIFI_DN	WIFI_DN
	10	GND	GND
	11	WIFI_DP	WIFI_DP
	12	3V3	3V3