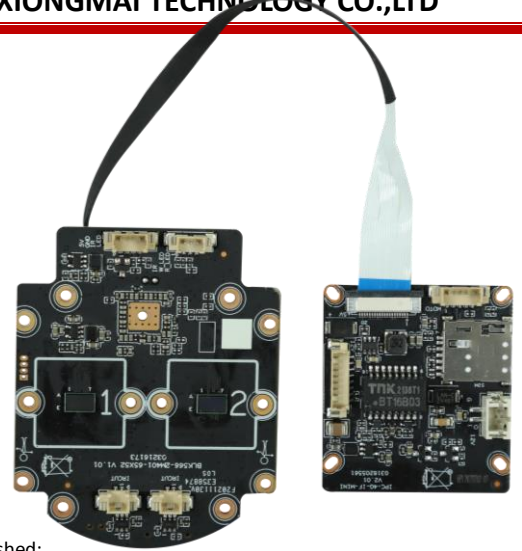


IPG-N2-4GQ2C-M
4MP Binocular 4G Dome Camera module
Features:

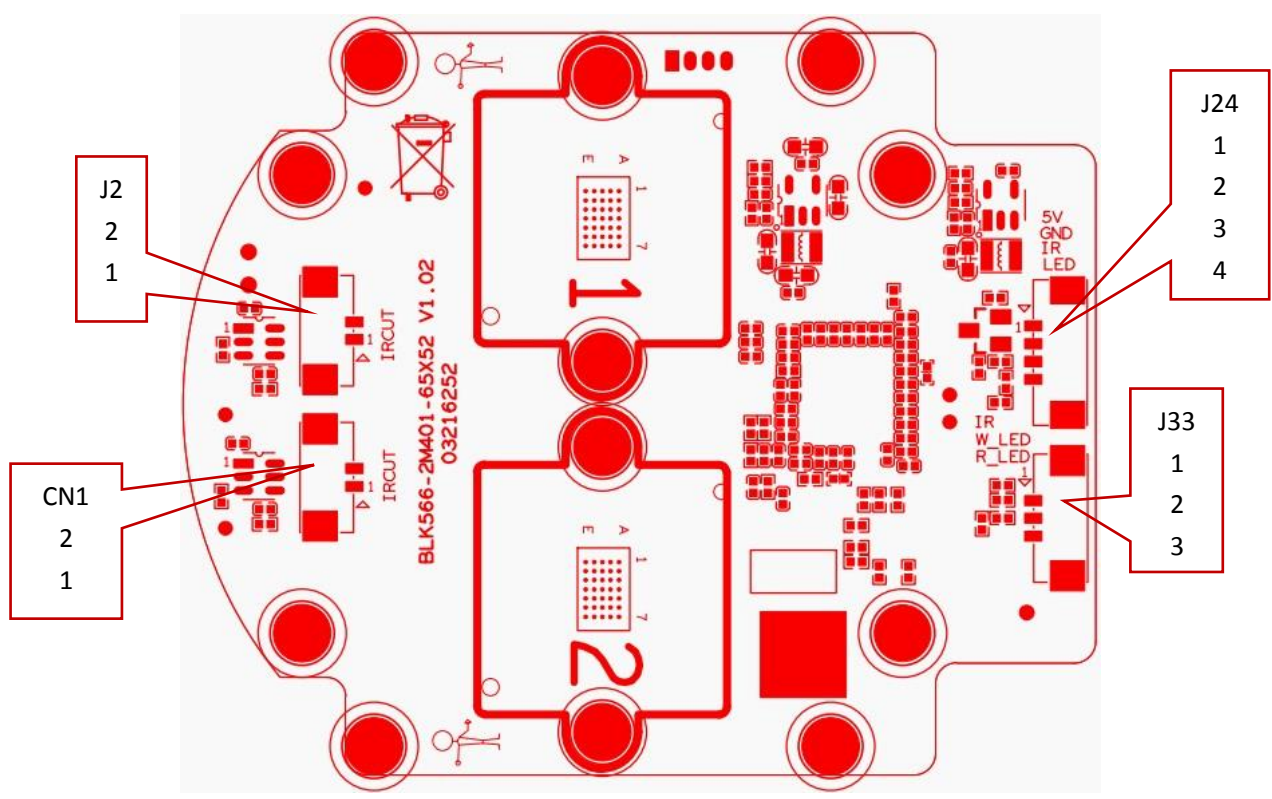
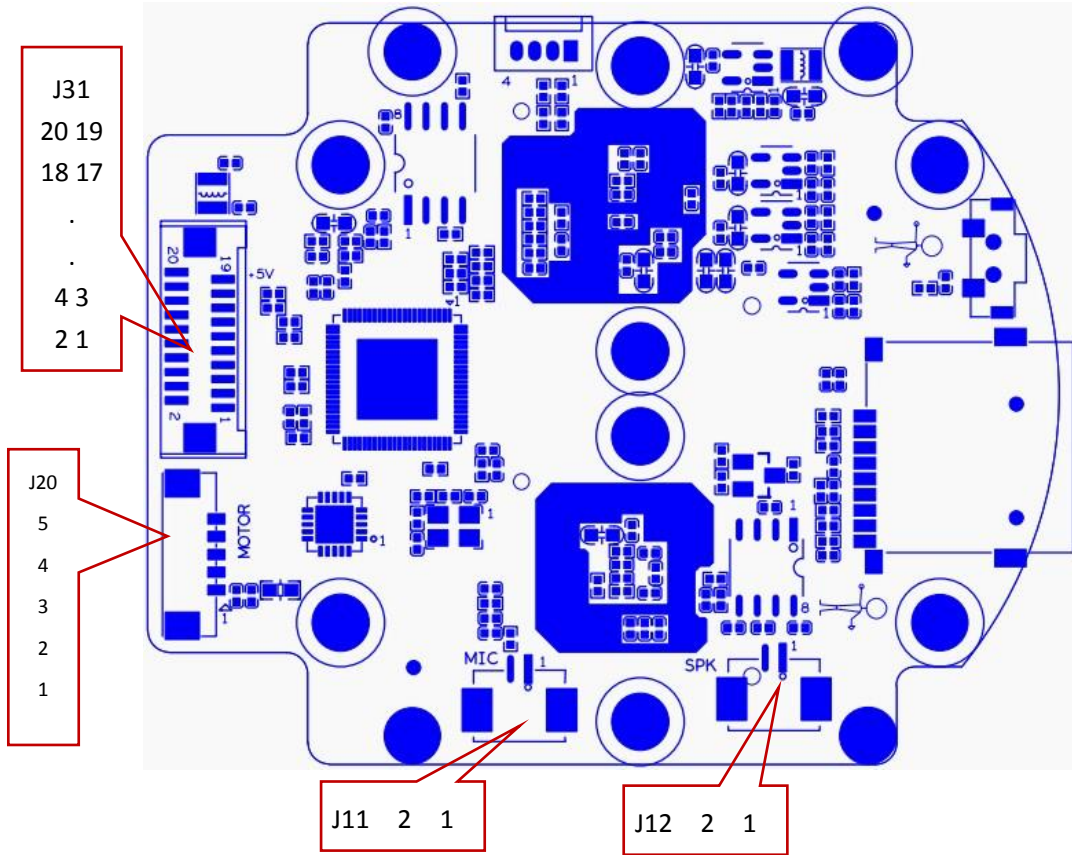
- 4mp resolution(2*2mp),clear and fine images;
- Support binocular 8x hybrid zoom;
- Support picture in picture display;
- Support for 4G(CAT1) and wired connections
- Support dual light, human shape and intelligence (line mixing, area care, etc.);
- Support 2D/3D noise reduction,digital wide dynamic;
- Advanced H.265AI 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);
- Support cloud technology,easy to achieve network penetration,fro in-line and alarm information pushed;


Parameters:

Model	IPG-N2-4GQ2C-M
System structure	dual-core 32-bit DSP (NT98566) ,pure hard compression ,watch dog
Sensor	2*1080P 1/3" SC2336 CMOS sensor
Video compression	H.265AI coding,support dual stream,AVI;0.1M~10Mbps variable
Min.Illumination	Color: 0.01Lux @(F1.2,AGC ON); 0 Lux with IR Black/White: 0.001 Lux @ (F1.2,AGC ON),0 Lux with IR
Image output	Main stream: 1920*1080@12fps; sub-stream: 800*448@12fps
Shutter	1/50(1/60)s to 1/10,000s
Lens	N/A
Day and night	Support IR-CUT
Noise reduction	Support 2D/3D
Wide dynamic	Support
Auto iris	N/A
Audio compression	G.711 standard compression,support two-way Bidirectional Talk,support for audio and 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 Ethernet interface, 10/100M adaptive
Extension interface	N/A
Singal interface	one IR-CUT interface
PTZ interface	One horizontal motor interface, one vertical electrical interface
Alarm I/O	N/A
Network interface	1 * binding 4G card
Reset interface	Support
Storage mode	Local TF card, up to 128G; cloud storage
Reliability	Comprehensive lightning protection, 7 * 24 hours 65 ℃ high temperature stable and reliable testing
Intelligence analysis	Supporting human detection ,support to customizing other intelligent functions
Other function	It supports remote monitoring of mobile client, push message after alarm of human figure detection, and supports MJPEG capture;
ONVIF	support
Mobile monitoring	support
Power	DC12V
Dimension	52mm*64mm+38mm*42mm

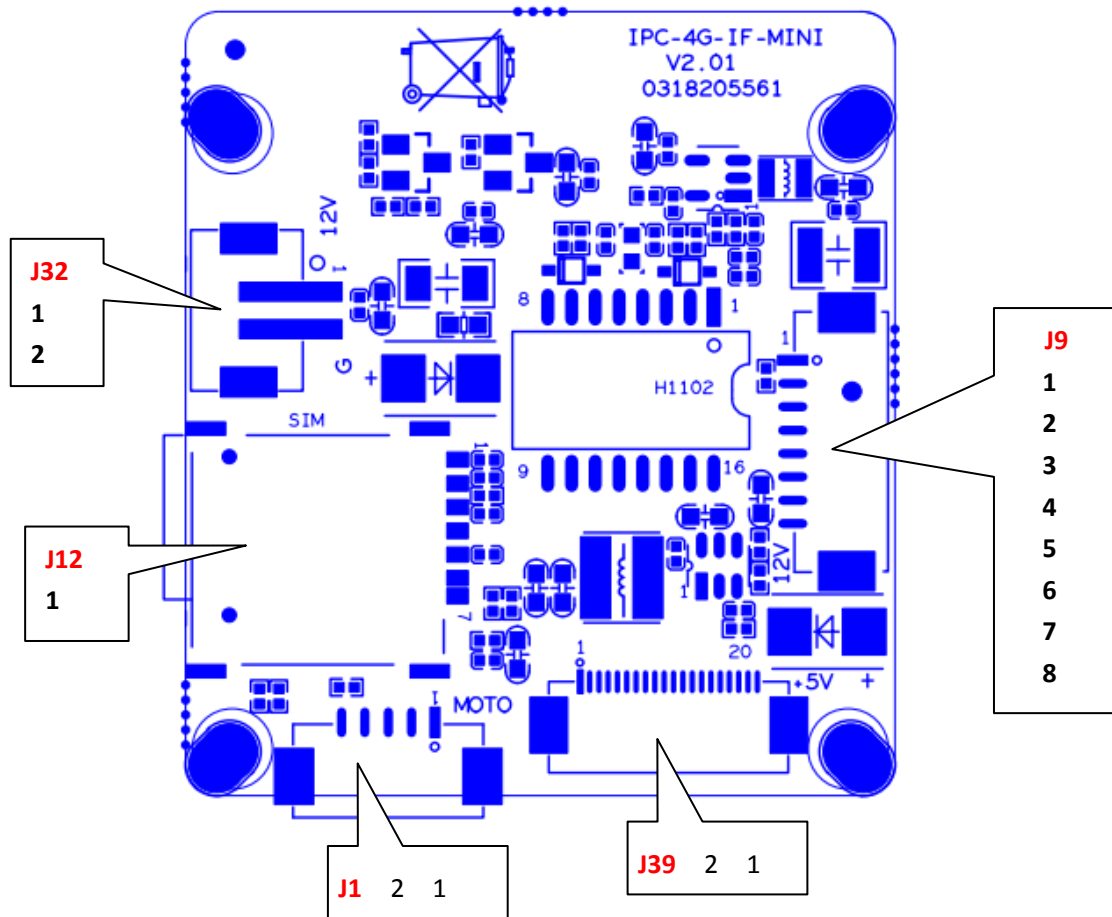
IPG-N2-4GQ2C-M

Interface description



Socket	Specific No	Interface Description	Function
J31	1	OUT1	Horizontal motor
	2	OUT2	
	3	OUT3	
	4	OUT4	
	5	GND	GND
	6	KEY_SET	RESET
	7	GND	GND
	8	WIFI_PDN	4G
	9	WIFI_DN	
	10	WIFI_DP	
	11	GND	GND
	12	TPTX-	wired
	13	TPTX+	
	14	GND	GND
	15	TPRX+	wired
	16	TPRX-	
	17	GND	GND
	18	/	
	19	5V	Power Supply
	20	5V	
2	OUT4		
3	OUT3		
4	OUT2		
5	OUT1		
J20	1	+5V_M1	Vertical motor interface
	2	OUT8	
	3	OUT7	
	4	OUT6	
	5	OUT5	
J12	1	SPKN	SPK
	2	SPKP	
J11	1	GND	MIC
	2	MIC_INP	
J2	1	OUT1	ICUT
	2	OUT2	
CN1	1	OUT1	ICUT
	2	OUT2	
J24	1	5V	Power Supply
	2	GND	GND
	3	IR	Infrared signal input

	4	LED	LED control
J33	1	IR	Infrared signal input
	2	WLED	White light enable
	3	RLED	Infrared enable



Socket	Specific No	Interface Description	Function
J32	1	12V	Lamp board interface
	2	GND	
J12	1	SIM	SIM card slot
	1	+5V	

J1	2	OUT1	motor drive
	3	OUT2	
	4	OUT3	
	5	OUT4	
J9	1	KEY_SET	Reset
	2	LED	Network port indicator light (false) always on
	3	ETHTX+	Network port signal
	4	ETHTX-	
	5	ETHRX+	
	6	ETHRX-	
	7	GND	GND
	8	+12V	12V
J39	1...4	OUT1-OUT4	Horizontal motor control
	5,7,11,14,17	GND	GND
	6	KEY_SET	Reset
	8,9,10	Wifi	Wif data line
	12,13,15,16	ETH	ETH signal line
	18	1V8	1.8V
	19,20	+5V	5V