

## IVG-HP203Y-SY

### 2.0M star-light illumination H.265 Face capture Network Camera Module

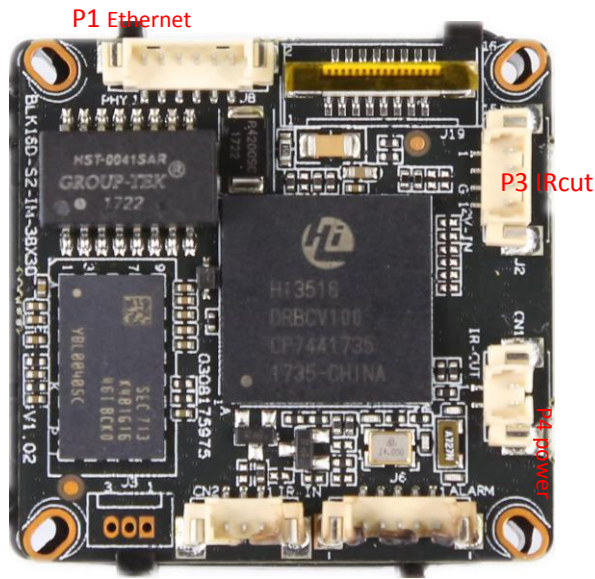
#### Features:

- Support set area face detection and face tracking, capture clear face images. Support multiple intelligent analysis;
- supports real-time matching of captured face images with face photos in database (need to cooperate with PC client).
- Support 2D/3D noise reduction,digital wide dynamic;
- Advanced H.265+ 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	IVG-HP203Y-SY
System structure	Embedded RTOS,dual-core 32bit DSP(Hi3516DV100),pure hard compression ,watch dog
Sensor	2.0M 1/2.8" IMX291 star-light illumination CMOS sensor ,color 0.0001Lux@F1.2,black/white 0.0001Lux@F1.2
Video compression	H.265+,support dual stream,AVI;0.1M~8Mbps variable;1~30f/s variable
Image output	Main stream: 1920*1080@25fps, 1280*720@25fps; sub-stream: 704*576@25fps;
Shutter	1/50(1/60)s to 1/10,000s
Lens	N/A
Capture area size	Face snapping picture with minimum support 70*70 pixel size
Snapping function	Support Profile image capture, support partially occluded face capture, support different skin color face capture
Face capture efficiency	5 face pictures/second
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
Noise reduction	Support 2D/3D
Wide dynamic	Support
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 10/100M adaptive Ethernet port;support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc
Extension interface	N/A
Singal interface	One photo resistance interface,one IR-CUT interface ,support photo resistance signal and IR-CUT links to IR
PTZ	N/A
Alarm I/O	1/0(support alarm input and video link to background)
SD Card	N/A
Applicable scene	Security environment such as security gate, airport security, border inspection, ATM machine, face punch card, etc.
Reliability	Comprehensive lightning protection, 7 * 24 hours 65 °C high temperature stable and reliable testing
Intelligence analysis	Support face detection, combined with PC or NVR, can carry out black-and-white list, face recognition function, support fuzzy detection, scene transformation, video occlusion and other basic intelligence
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	Support POE power supply (optional) , The drive voltage of the light board is at 3.3V



P2 Infrared interface P6 audio/video

sign	Socket	Specific No	Interface Description	Function
P1	J3	1	ETHRX-	Ethernet signal
		2	ETHRX+	Ethernet signal
		3	LED/PHY_AD3	LED
		4	ETHTX-	Ethernet signal
		5	ETHTX+	Ethernet signal
		6	LED/PHY_ADO	LED
P2	J2	1	Infrared input	Infrared input
		2	GND	GND
		3	+5V	5V DC input
P3	J4	1	BOUT	IRCUT output
		2	AOUT	IRCUT output
P4	J7	1	NC	Undefined
		2	NC	Undefined
		3	GND	GND
		4	12V	12V DC input
P5	J1	1	UART_RX	
		2	UART_TX	
		3	GND	GND
P6	J6	1	AC_OUT	AC_OUT
		2	MIC_P	MIC_P
		3	GND	GND
		4	ALARM_IN	ALARM_IN
		5	GND	GND

