Autofocus network camera module (Hi)

1.3M/2.0M super wide dynamic CMOS sensor with its high price has been widely used, the product definition is the direction in the future, 720P/1080P universal definition marks the start of the upgrading of products, to provide cost-effective products of high scheme, our company specially developed IPG-53H13PL-*/ IPG-53H20PL-*series HD Module which size is 38mm*38mm, using Hass Hi3518C/ Hi3516C program, for all kinds of shell, filter, sensor, code switching, transmission. Free CMS client, realize the video / preview / playback, support for wide area network transmission. To provide NVR/HVR system with high stability requirements, in order to provide MEYE platform centralized monitoring and management system requirements, open SDK.

1. Model：

IPG-53H13AF、IPG-53H20AF

2. Parameters：

Specifications	IPG-53H13AF	IPG-53H20AF
System Structure	Embedded RTOS design, dual-core 32-bit DSP (Hi3518C), pure hardware compression, watchdog;	Embedded RTOS design, dual-core 32-bit DSP (Hi3516C), pure hardware compression, watchdog;
Sensor	1/3 "AR0130 illumination CMOS sensor; support day and night conversion (supports optional IR-CUT) sense infrared photo resistor signal linkage support, support for CS mount lens; Color 0.01Lux @ F1.2, black and white 0.001 Lux@F1.2 ;	1/2.7 " imx222 illumination CMOS sensor; support day and night conversion (supports optional IR-CUT) sense infrared photo resistor signal linkage support, support for CS mount lens; Color 0.01Lux @ F1.2, black and white 0.001 Lux@F1.2 ;
Video compression	H.264, support dual-stream, AVI format; support stream 0.1M ~ 6Mpbs	

	adjustable; support frame rate from 1 to 30 frames / sec adjustable;	
Lens	Standard 2.8mm-12mm auto-zoom	
Image output	main stream:1280*960, 1280*720; sub-stream:704*576;	main stream:1920*1080, 704*576; sub-stream:704*576;
WDR	Support for digital wide dynamic	
Network interface	1 RJ45, 10/100M Ethernet adaptive interface; support RTSP / FTP / PPPOE / DHCP / DDNS / NTP / UPnP network protocols;	
Photoresistor	1 photosensitive resistance interface, support photo resistor input signal and image, IR-CUT, infrared light linkage;	
PTZ interface	1*RS485 interface, support PELCO (P) and other PTZ control protocol;	
Audio interface	1* input, the level 2Vp-p, impedance 1kΩ, support pickups input; an output impedance of 16Ω, 30mw power output, support for connecting headphones or amplifier;	
USB interface	1* USB interface, support WIFI / 3G	
Alarm interface	1* switch input, support alarm input linkage	
Lightning Protection	Power, network, POE comprehensive lightning protection, in line with national standards GB/T17626.5, the international standard IEC61000-4-5.	
features	Support WEB configure, support for OSD, support real-time video transmission, support mobile surveillance, support for mobile detection alarm center after the screen pop-up reminders and linkage; supports JPEG capture; support unified client remote monitoring software, MYEYE platform system applications; provide perfect the SDK development package;	
ONVIF	support	
Mobile monitoring	Support mobile monitoring（iPhone，Windows Mobile，BlackBerry，Symbian，Android）	
other	DC12V power input, 3W power consumption, size 38mm * 38mm;	
directions	Support POE power supply (optional),-S is neutral generic version, does not accept any custom	