

## 2M Low-illumination CMOS IP Camera Module(Hi)

Hi3516C

1080P H.264

Nowadays the 2M low-illumination CMOS image sensor has been widely applied. High definition has been called to lead the future as well as a perfect sign for the upgrades. To better meet customers and the current surveillance market, our company specially developed the HD IPG-53H20PL-series modules. With 38 \* 38 mounting holes and the latest Hi3516C solution, it's much easier to operate. General features such as IR-CUT, image sensor, encoding and transmission are all integrated. Also, CMS unified clients are provided freely to realise recording, preview as well as playback. The newly developed boards also support WAN transmission. What's more, we have NVR / HVR series for systems that demand high stability, MEYE platform for centralized monitoring and management system and open SDK, all of which ensure our customers develop their own products and systems with more convenience.

### Model:

IPG-53H20PL-S, IPG-53H20PL-AE, IPG-53H20PL-B, IPG-53H20PL-P

### Specification:

| Model             | IPG-53H20PL-S  | IPG-53H20PL-AE   | IPG-53H20PL-B  | IPG-53H20PL-P                             |
|-------------------|--|--|--|---|
| System Structure  | Embedded RTOS, dual-core 32bit DSP(Hi3516C), pure hard compression, watch dog;   |  |  |   |
| image sensor      | 1/2.9" IMX322 CMOS, support IR-CUT, support photo resistance signal linkage, CS lens; color 0.6Lux@F1.2, black/white: 0.08 Lux@F1.2; |  |  |   |
| Video compression | H.264, support dual-stream, AVI; 0.1M~8Mbps variable; 1~30f/s variable;  |  |  |   |
| Image output      | main stream: 1920*1080, 1280*720; sub-stream: 704*576;   |  |  |   |
| audio interface   | no   | input, level: 2Vp-p, impedance: 1kΩ, supports sound pick-up input; | 1ch<br>input, level: 2Vp-p, impedance: 1kΩ, supports sound pick-up input; 1ch output, impedance 16Ω, 30mw, support microphone; |   |
| audio compression | no   | G.711  | G.711, support bidirectional talk, audio&video synchronization   |   |
| network interface | 1*RJ45 10/100M; support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc;   |  |  |   |
| auto iris         | no   |  |  | one auto iris interface, support DC drive |
| photo resistance  | one photo resistance interface, support photo resistance signal links to IR-CUT  |  |  |   |
| PTZ               | no   |  | 1*RS422/RS485, support PELCO(P) and other protocols;   |   |
| USB               | no   | 1*USB, support WIFI/3G   |  |   |

|                   |   |                 |                  |
|-------------------|---|-----------------|------------------|
| alarm input       | no  | 1ch alarm input | 2ch alarm input  |
| alarm output      | no  |                 | 1ch alarm output |
| SD                | no  |                 | Max.32G          |
| Features          | Support WEB,OSD, live video transmission, motion detect and IO alarm, front-end storage/playback/download, MJPEG capture; united remote client monitoring software, MYEYE; perfect SDK; |                 |                  |
| ONVIF             | support   |                 |                  |
| mobile monitoring | Support multiple mobile monitoring (iOS, Android)   |                 |                  |
| Other functions   | DC12V, 3W (consumption), 38mm*38mm;   |                 |                  |
| Notes             | Support POE (optional) , B1-type tail-line (without BNC interface)  |                 |                  |