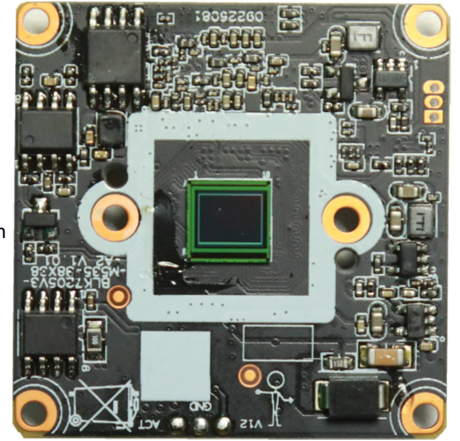# X6MG6S
6.0M Black Light H.265 AI IP Camera Module

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);
- Support cloud technology,easy to achieve network penetration,fro in-line and alarm information pushed

Parameters：

Model	X6MG6S
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~8Mpbs variable;1~30f/s variable
Image output	Main stream: 6MP 3072*2048@20fps；5MP 2592*1644@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/FTPDHCP/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
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 ℃ 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；
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