X8MN8S
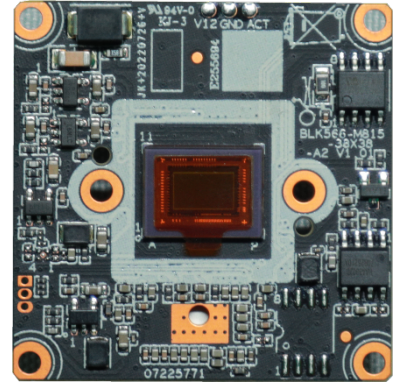## 8.0M Black light illumination H.265 IP Camera Module

Features:

➢ Supporting Face detection，Humanoid detection, Vehicle detection,and supports customization of other smart functions;

➢ 8.0MP HD Black light illumination resolution, clear and fine images;

➢ Support 2D/3D noise reduction, digital wide dynamic;

➢ Advanced H.265AI/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 Unifaces third party，Support various mobile monitoring(iPhone, Android);

➢ Support cloud technology, easy to achieve network penetration, for in-line and alarm information pushed

Parameters：

	Model	X8MN8S
Module	System structure	Embedded RTOS,dual-core 32bit DSP(NT98566),pure hard compression ,watch dog
	Sensor	8.0M 1/2.8"IMX415 Black light illumination CMOS sensor, color 0.0001Lux@F1.2, black/white 0.0001Lux@F1.2
	Video compression	H.265AI(Compatible with H.265/H.264), support dual stream, AVI;0.1M~8Mpbs variable;1~30f/s variable
	Image output	Main stream: 8MP 3840*2160@15fps；5MP 2880*1616@25fps；4MP 2560*1440@25fps；2MP 1920*1080@25fps; sub-stream: 800*448@25fps;
	Shutter	1/50(1/60) s to 1/10,000s
	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
Image	Noise reduction	Support 2D/3D
	Wide dynamic	Support digital
	Audio compression	G.711, support bidirectional talk,audio&video synchronization
Interface	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 extended SD card and WiFi
	Singal interface	One photo resistance interface,one IR-CUT interface ,support photo resistance signal and IR-CUT links to IR
	Intelligence analysis	Supporting Face detection，Humanoid detectionn, Vehicle detection,and supports customization of other smart functions etc.
	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 FTP capture；united remote client monitoring software、MYEYE;perfect SDK;
	ONVIF	Support
	Mobile monitoring	Support multiple mobile monitoring（iOS，Android）
	Reliability	Comprehensive lightning protection, 7 * 24 hours -10℃～65℃high temperature stable and reliable testing
	Power	DC12V/2A input, power consumption: ≤3W
	Dimension	38mm*38mm
Intelligence	Other	Support POE power supply, not support any custom, The drive voltage of the light board is at 3.3V