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## 8Megapixel Intelligent AI Blacklight Module Features:

- 1、 1/2.8-inch 8-megapixel blacklight CMOS sensor;
- 2、 Supports H.265+, H.265, and H.264 encoding;
- 4、 Supports two types of lighting signal control: CDS and PWM signals;
- 5、 Supports soft light sensitivity: Full-color mode, infrared mode, and dual-light mode;
- 6、 Supports image flipping and HDR;
- 7、 Supports intelligent analysis: humanoid detection, custom regions;
- 8、 Supports voice intercom, voice announcements, and custom voice commands;
- 9、 Supports Onvif;
- 10、 Supports character overlay;
- 11、 IP address filtering;
- 12、 Supports POE expansion;
- 13、 Provides SDKs (Windows, Android, Linux)



## Product Parameter:

|                       |                                                                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                 | SONY IMX415+SSC338Q                                                                                                                                                             |
| Main control chip     | Sigmastar SSC338Q                                                                                                                                                               |
| Imaging sensor        | 800 10-megapixel, 1/2.8" CMOS IMX415                                                                                                                                            |
| Video processing      | H.265+, H.265, and H.264 video encoding; supports adjustable bitrates ranging from 0.1 Mbps to 12 Mbps; supports adjustable frame rates ranging from 1 to 20 frames per second; |
| Image output          | Main video stream: 20@FPS (3840×2160),25FPS@ (3072×2048,2592×1944,2560×1440,2304×1296,1920×1080,1280×720);                                                                      |
|                       | Sub-streams: 720×480, D1, VGA, 640×360;                                                                                                                                         |
| Audio Interface       | Audio linear: 1-channel input, 1-channel output;                                                                                                                                |
| Audio Processing      | The G.711 encoding standard supports bidirectional voice intercom and audio-video synchronization;                                                                              |
| IRCUT Interface       | Features an IRCUT switching circuit that enables control of the IRCUT night/day mode via automatic, external, manual, or timed controls.                                        |
| Network interface     | 1 One RJ45 Ethernet interface, with 10/100 Mbit/s auto-negotiation;                                                                                                             |
| Light panel interface | CDS, PWM infrared, PWM warm light;                                                                                                                                              |
| IO Interface          | Supports electronic zoom and auto-focus interfaces; requires a zoom lens, a zoom control panel, and a zoom program.                                                             |
| Reliability           | The power supply and network are fully protected against lightning strikes, complying with the national standard GB/T 17626.5 and the international standard IEC 61000-4-5;     |
| Business Functions    | Supports OSD, real-time audio and video transmission, human detection, dual-light alarm, and sound alarm;                                                                       |
| Networking protocol   | Supports network protocols such as HTTP, RTSP, DHCP, NTP, ONVIF, Customer can flash with OPENIPC system;                                                                        |
| Mobile Surveillance   | Supports mobile monitoring (iOS, Android) – Danale;                                                                                                                             |
| Lens                  | 2.8MM/4MM/6MM(Optional)                                                                                                                                                         |
| Source                | DC12V power input interface: 200mA                                                                                                                                              |
| Work environment      | -40~+85℃                                                                                                                                                                        |
| Size                  | 2×38 (length) × 38 (width)                                                                                                                                                      |

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