
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+SSC378QE
Main control chip	SSC378QE
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, P2P, as well as optional support for GB28181, RTMP, and various NVR integration protocols;
Mobile Surveillance	Supports mobile monitoring (iOS, Android) – Danale;
Source	DC12V power input interface: 170mA
Work environment	-40~+85℃
Size	2×38 (length) × 38 (width)
