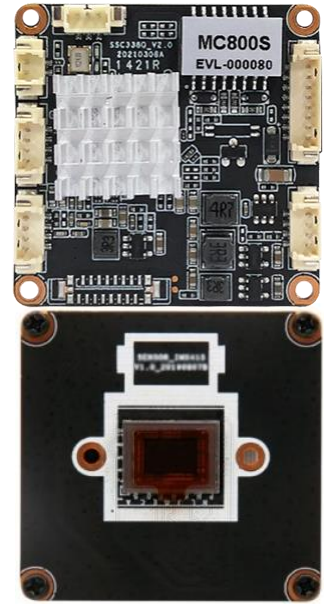


800Wanzhi IntelligentAIFeatures of the

black light module:

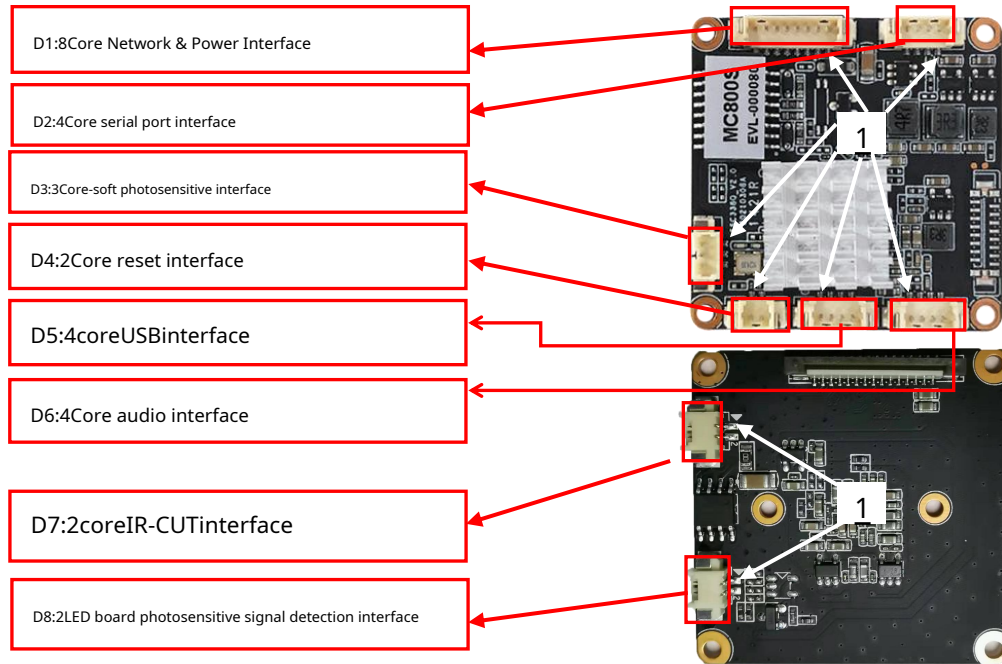
- 1,1/2.8inch80010,000 pixels black lightCMOSsensor; 2,bring1TComputing power, with the ability to add external algorithms;
- 3,supportH.265+,H.265,H.264coding;
- 4,support2Light signal control:CDS,PWMSignal; 5Supports soft photosensitive modes: full-color mode, infrared mode, and dual-light mode; 6Supports image flipping, supportsHDR;
- 7Supports intelligent analysis: human detection, customizable regions;
- 8Supports two-way voice communication, voice broadcasting, and custom voice prompts; 9,supportOnvif;
- 10Supports character overlay;
- 11,IPAddress filtering;
- 12,supportPOEExpand;
- 13,supplySDK(WINDOWS, Android, LinuxDevelopment kit



Product parameters:

model	MC800S
Main control chip	SSC338
Image sensor	8-megapixel, 1/2.8" CMOS IMX415
Video processing	H.265+/H.265/H.264 video encoding, supporting adjustable bitrate from 0.1M to 12Mbps; supporting adjustable frame rate from 1 to 20 frames per second;
Image output	Main stream: 20@FPS (3840×2160), 30FPS@ (3072×2048, 2592×1944, 2560×1440, 2304×1296, 1920×1080, 1280×720);
	Sub-stream: 720×480, D1, VGA, 640×360;
audio interface	Audio linear input with 1 channel and output with 1 channel;
Audio processing	The G.711 encoding standard supports two-way voice communication and audio-video synchronization.
IRCUT Interface	Integrated IRCUT switching circuitry allows for automatic/external/manual/timed control of the IRCUT's day/night mode.
Network interface	One RJ45 Ethernet port, 10/100M auto-sensing;
Lamp board interface	CDS, PWM infrared, PWM warm light;
IO interface	Supports power zoom and autofocus interface; requires zoom lens, zoom control board, and zoom program.
reliability	Power supply and network are fully protected against lightning, in compliance with national standard GB/T17626.5 and international standard IEC61000-4-5;
Business Functions	Supports OSD, real-time audio and video transmission, human detection, dual-light source alarm, and sound alarm;
Network Protocol	Supports network protocols such as HTTP/RTSP/DHCP/NTP/ONVIF/P2P, and offers optional GB28181, RTMP, and various NVR interface protocols;
Mobile phone monitoring	Supports mobile monitoring (iOS, Android) Danale;
power supply	DC12V power input interface 170mA
Work environment	- 40~+85℃
size	2 x 38 (length) * 38 (width)

MC800SWiring diagram



Note: The direction indicated by the white arrow is the first foot.

Interface pin definition

code name	Interface Function	sequence Number	Pin definition	Pin function
D1	8-pin network & power connector	1	DC 12V+	DC 12V input
		2	GND	land
		3	RJ45_6	Network receiving differential signal RJ6
		4	RJ45_3	Network receive differential signal RJ3
		5	RJ45_2	Network transmits differential signal RJ2
		6	RJ45_1	Network transmits differential signal RJ1
		7	LED+	Network connection indicator light is on
		8	LED+	Network status indicator light is positive
D2	4-pin serial port interface	1	GND	land
		2	AF_TX	AF autofocus interface
		3	AF_RX	NC
		4	SPK_EN	Amplifier I/O
D3	3-pin flexible photosensitive interface	1	PWM0	Soft photosensitive warm light
		2	PWM1	Soft photosensitive infrared
		3	GND	land
D4	2-pin reset interface	1	RESET	Reset
		2	GND	land
D5	4-pin USB interface	1	USB_3.3V	
		2	USB_D+	
		3	USB_D-	
		4	GND	
D6	4-pin audio interface	1	GND	land



		2	AUDIO_OUT	External speakers
		3	AUDIO_IN	Active/passive pickups
		4	GND	land
D7	2-pin IR-CUT interface	1	IR-CUT control signal	Output
		2	IR-CUT control signal	Output
D8	2-core lamp board photosensitive signal	1	CDS_IN	Infrared light control signal input
	Number detection interface	2	GND	land