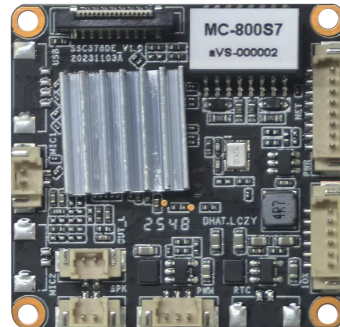


MC-800S7 8MP Black light Full color IPC Module



MC-800S7 IP module is an advanced surveillance solution featuring a high-performance 1/2.7" 8MP CMOS that delivers stunning image quality. This device supports CDS and PWM signal control, as well as H.265+ encoding, intelligent analysis, and dual-light sensitivity modes, making it ideal for versatile applications.

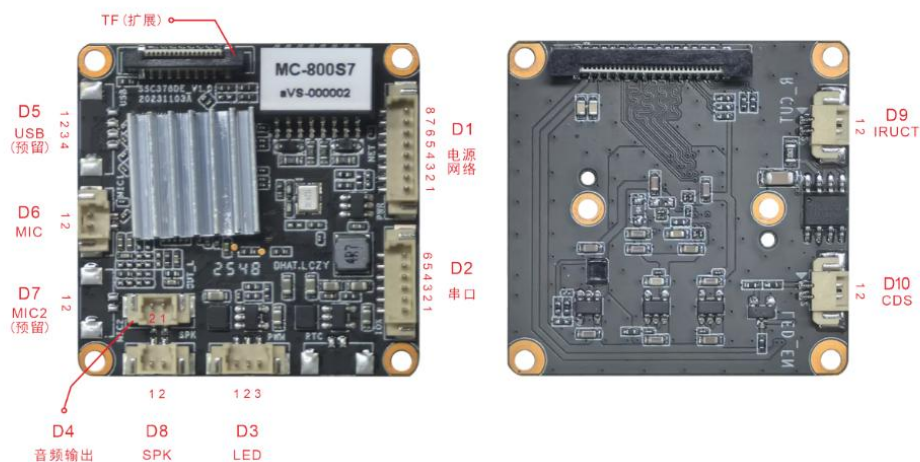
Key Features

- 1/2.7" 8MP CMOS
- Support H.265+, H.265, H.264 encoding.
- Support Soft light sensitivity: Dual-light mode, Full-color mode, Infrared mode.
- Support Intelligent analysis, algorithm, Perimeter alert.
- Support Two way audio, Voice broadcast, Custom voice messages.
- Support HDR, Image flip, Digital wide dynamic range, OSD
- Support ONVIF.
- Support IP address Filtering, Block lists.
- Support CDS signal and PWM signal control
- Support POE extension
- Provide SDK development packages for Windows, Android, and Linux..

Technical specifications:

Image sensor	
Model	MC-800S7
SOC	SSC378QE
Sensor	1/2.7"8MP CMOS
Maximum resolution	3840*2160@20fps
Minimum illumination	Color: 0.05Lux B/W: 0.01Lux
Camera	
AGC	Auto/Manual
S/N ratio	≥52 dB
Shutter Speed	1/2 - 1/20 ,000s, Slow shutter support
Wide dynamic range	≥75 dB
Day & Night	External control (IR Cut Filter)
Image resolution	
Main stream	(3840×2160)@20FPS,(3072×2048,2592×1944,2560×1440,2304×1296, 1920×1080, 1280×720)@25FPS
Sub stream	720×480,D1,VGA,640×360
Audio resolution	
Audio Out/In	Supported/Wired required
Audio processing	G.711 codec standard
Protocol	
Network protocol	HTTP/RTSP/DHCP/NTP/ONVIF etc
Interface	
Network interface	10/100Mbps 1*RJ45 interface
IRCUT interface	Integrated IRCUT/ Smart IR Control
Light board interface	PWM yellow light / PWM IR / CDS
Storage interface	TF card slot extension supports up to 512GB
Extra interface	Supports motorized zoom and autofocus interfaces, requiring a zoom lens, zoom control board, and zoom firmware.
Mobile APP	Danale APP (iOS, Android)
General	
Power supply	DC 12V 1.56w 130mA protected from lightning/Support POE extension
Additional functions	OSD supported/Two way audio/Support audio and video synchronously /voice alarm/ Accurate human detection, Dual-light alarm.
Standard	International: IEC61000-4-5 China: GB/T17626.5
Size	(L)38mm * (W)38mm 2 layer
Operation temperature	-40°C~+85°C
Working humidity	≤90% RH (non-condensing)

Interface Pin Definition:



IO	FUNCTION	PIN	PIN NAME	DESCRIPTION
D1	8-Pin network & Power interface	1	DC12V+	DC 12V input
		2	GND	Ground
		3	RJ45_6	RX-
		4	RJ45_3	RX+
		5	RJ45_2	TX-
		6	RJ45_1	TX+
		7	RESET	Restore
		8	LED+	Network status indicator light
D2	6 pin serial IO	1	GND	Ground
		2	AF_TX	AF auto focus IO
		3	AF_RX	NC
		4	AF_TX	Reserved IO
		5	AF_RX	Reserved IO
		6	SPK_EN	Speaker IO
D3	3 pin PWM IO	1	PWM0	Yello light
		2	PWM1	IR light
		3	GND	Ground
D4	2 pin Audio IO	1	AUDIO_OUT	Audio output
		2	GND	Ground
D5	4 pin USB IO	1	USB_12V	USB_12V
		2	USB_DP	USB_DP
		3	USB_DM	USB_DM
		4	GND	GND
D6	2 pin mic IO	1	MIC+	MIC+
		2	MIC-	MIC-
D7	2 pin mic IO	1	MIC+	MIC+
		2	MIC-	MIC-
D8	2pin SKP IO	1	SKP +	8 Ω 2W Speak
		2	SKP -	
D9	IR-CUT	1	IR-CUT Signal control	IR-CUT Signal control
		2		
D10	2 pin CDS signal IO	1	CDS_IN	CDS control signal input
		2	GND	Groud