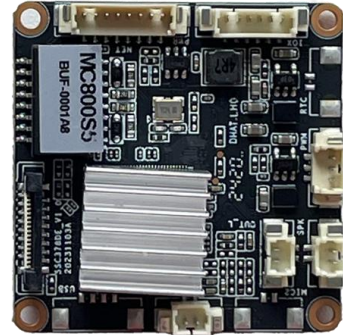


## MC-800S5 8MP Black light Full color IPC Module



MC-800S5 IP module is an advanced surveillance solution featuring a high-performance 1/2.8" 8MP CMOS IMX415 sensor 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.

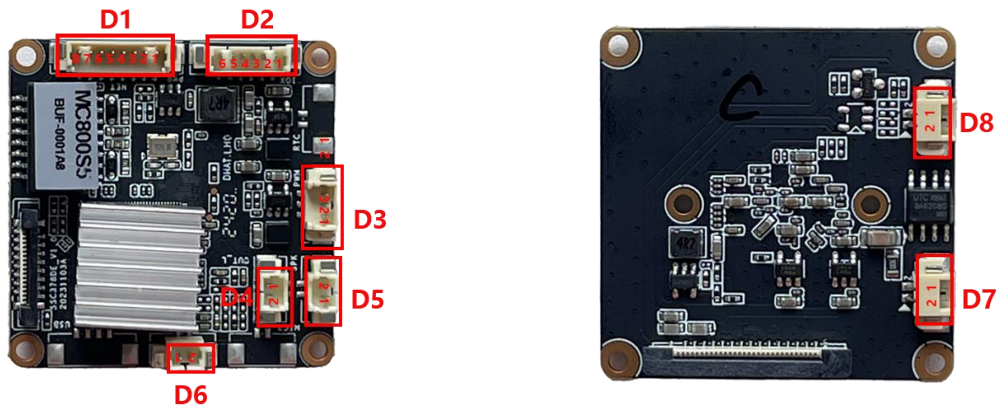
### Key Features

- 1/2.8" 8MP CMOS IMX415 sensor.
- 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:

<b>Image sensor</b>	
Model	MC-800S5
SOC	SSC378QE
Sensor	1/2.8"8MP CMOS IMX415
Maximum resolution	3840*2160@20fps
Minimum illumination	Color: 0.05Lux B/W: 0.01Lux
<b>Camera</b>	
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 )
<b>Image resolution</b>	
Main stream	20@FPS(3840×2160),25FPS@(3072×2048,2592×1944,2560×1440,2304×1296, 1920×1080, 1280 ×720)
Sub stream	720×480,D1,VGA,640×360
<b>Audio resolution</b>	
Audio Out/In	Supported/Wired required
Audio processing	G.711 codec standard
<b>Protocol</b>	
Network protocol	HTTP/RTSP/DHCP/NTP/ONVIF etc
<b>Interface</b>	
Network interface	10/100Mps 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)
<b>General</b>	
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
<b>D1</b>	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
<b>D2</b>	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
<b>D3</b>	3 pin PWM IO	1	PWM0	IR light
		2	PWM1	Yello light
		3	GND	Ground
<b>D4</b>	2 pin Audio IO	1	AUDIO_OUT	Audio output
		2	GND	Ground
<b>D5</b>	2pin SKP IO	1	SKP +	8 Ω 2W Speak
		2	SKP -	
<b>D6</b>	2 pin mic IO	1	MIC+	Photosensor
		2	MIC-	Ground
<b>D7</b>	IR-CUT	1	IR-CUT Signal control	Output
		2		
<b>D8</b>	2 pin CDS signal IO	1	CDS_IN	CDS control signal input
		2	GND	Ground