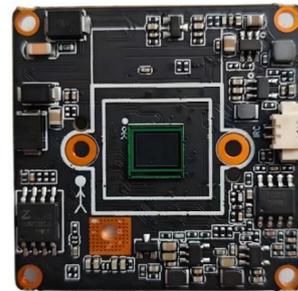


MT-S15 SSC377D+1/2.8" 5.0MP CMOS



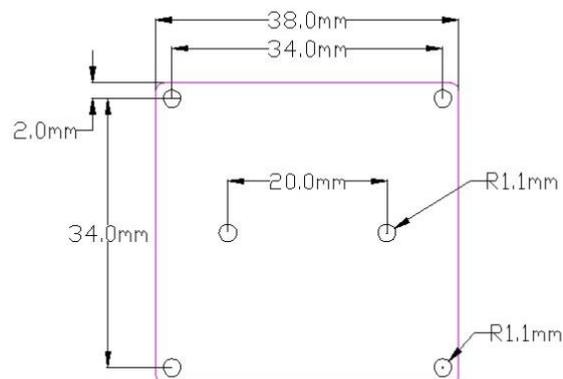
The MT-S15 is a cost-effective 5MP surveillance network camera module designed for both indoor and outdoor use. It features a 1/2.8" 5.0MP CMOS and is powered by the SSC377D, built-in 1T computing power. In terms of extended I/O capabilities, it supports dual light source illumination, as well as microphone and speaker connections, enabling two-way audio and additional interfaces.

Key Features:

- 1/2.8" 5MP CMOS
- H.265+,H.265/H.264, dual stream
- Supports HDR, backlight compensation, highlight compensation, and 3D digital noise reduction
- Supports image flip,mirror,and rotation
- Supports dual light and smart dimming
- Supports external TF card, WiFi or 4G communication
- Supports 1 serial port, 1 I/O input,and 1 I/O output
- Supports accurate human detection and vehicle detection;
- Applicable to scenarios including electronic fence, intrusion detection and on-duty detection etc.
- Supports privacy mask
- Supports voice intercom, voice broadcast, custom voice
- ONVIF Profile S,T,G,M
- Plug-in free for mainstream browsers
- Support Browser-based Mesh CMS

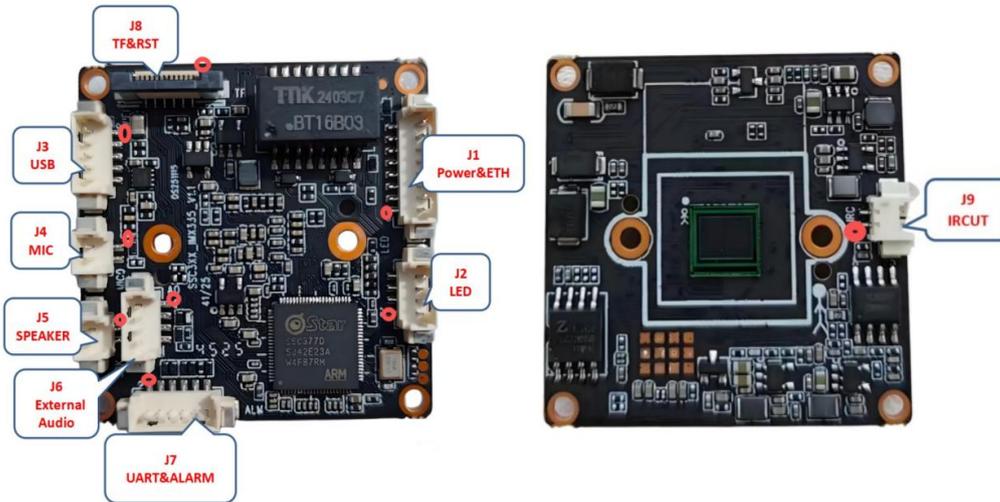
Technical Specifications:

Model	MT-S15
Main Chip	SSC377D, built-in 1T computing power
Image Sensor	5MP, 1/2.8"CMOS
Image Output	Main stream 30FPS (2576*1944,2048*1536,1600*1200, 1024*768)
	Sub stream 30FPS (800*600,320*240)
	Image effects: Auto white balance, digital wide dynamic range, backlight compensation, and adjustable hue/brightness/contrast/saturation/sharpness
Audio	Standard: 1-channel Line In input, 1-channel built-in amplifier output (8Ω1W/4Ω2W)
	G.711 codec; supports two-way audio intercom, audio-video synchronization, and echo cancellation
Network	1 x RJ45 10/100 M self-adaptive Ethernet port
TF	1 x TF card slot, supports up to 512 GB
WIFI (Optional)	Supports external Wi-Fi 4/6 module, dual-band, 802.11b/g/n/ax
4G (Optional)	Supports external 4G communication module
Reset Key	Supports hardware reset
IO Input/Output	1 x Input, 1 x Output
Light Board Interface	Supports dual light and smart dimming
Indicator	Supports network connection status LED
Network Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,NTP,UPnP,SMTP,IGMP,802.1X,IPv4,IPv6,UDP,SSL/TLS,SNMP,ARP,WebSocket,ONVIF
Standard	Human & vehicle classification (including non-motor vehicles), boundary detection,intrusion detection, region entering detection, region exiting detection and sound alarm linkage
Optional	Face capture, face recognition, pet detection, lane violation control, license platercognition, baby detection, abnormal sound detection, occlusion detection, electronic fence, off-post detection, people counting, custom voice alarm
Power Supply	DC12V
Operating Conditions	-30-65℃
Dimension	38*38mm



TOP

Interface Pin Definition:



Interface	pin	Pin name	Functional parameter
J1	1	12VDC	DC power input, 12V
	2	GND	GND
	3	RX-	Receive Data-
	4	RX+	Receive Data+
	5	TX-	Transmit Data-
	6	TX+	Transmit Data+
	7	LED_LINK	Network Link LED
	8	RST	Hardware Reset (like J8.11)
J2	1	GND	GND
	2	IR_CTRL	IR Light Enable, Active High, PWM Supported
	3	WL_CTRL	White Light Enable, Active High, PWM Supported
	4	ADC_CTRL	HW Photosensitive, CDS Detection, Default Active High Input at Night
J3	1	12V	12V power output
	2	USB_DM	USB Data D-
	3	USB_DP	USB Data D+
	4	GND	GND
	5	WIFI_EN	Wi-Fi Power Enable, Active Low (Default)
J4	1	MIC0	MIC0 Input
	2	GND	GND
J5	1	SPK+	Speaker+ (8 Ω 1W)
	2	SPK-	Speaker- (8 Ω 1W)
J6	1	GND	GND
	2	MIC_IN	Microphone Input
	3	GND	GND
	4	LINE_OUT	Line-level Audio Output
J7	1	ALARM_IN0	Alarm Input 0, Active Low for Alarm
	2	ALARM_OUT0	Alarm Output 0, Active High for Alarm
	3	FUART_TX	Fast UART TX, Configurable as Standard UART
	4	FUART_RX	Fast UART RX, Configurable as Standard UART
	5	GND	GND
	6	SPK_EN	Line-level Audio Output Enable, Active Low (Default)
J8	1-12	EXPAND	Expand TF card and Reset,TF up to 512 GB
J9	1	IR-CUT+	IRCUT signal +
	2	IR-CUT-	IRCUT signal -