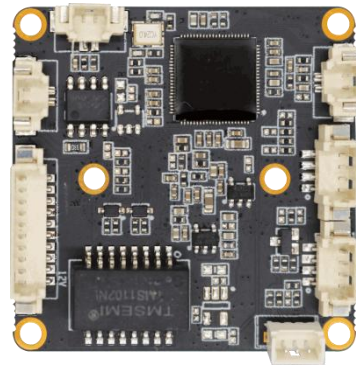
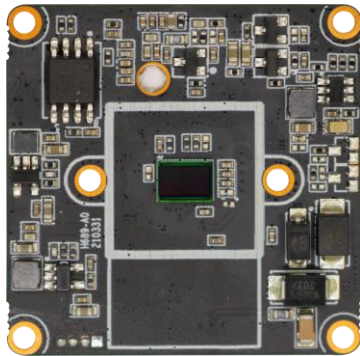


F4 Intelligent sound light warning camera Specification



1. Support H264, H.265

Main-stream: 5MP(2880*1624)/4MP(2560*1440)/3MP(2304*1296)/2MP(1920*1080)/1MP(1280*720);

Sub-stream: 448P(800*448)/D1(704*576)/360P(640*360)/CIF(352*288);

2. Support dual stream output simultaneously;

3. Support D-WDR, 3D-NR, BLC, Auto-White balance for different environments;

4. Support ONVIF, can connect with other company's NVR;

5. Support image shutter, can cover the privacy area

6. Support OSD character overlay and network timing

7. Support audio input and output, two-way intercom, audio and video synchronization;

8. Support a variety types of light board, can support light board with cds or without cds

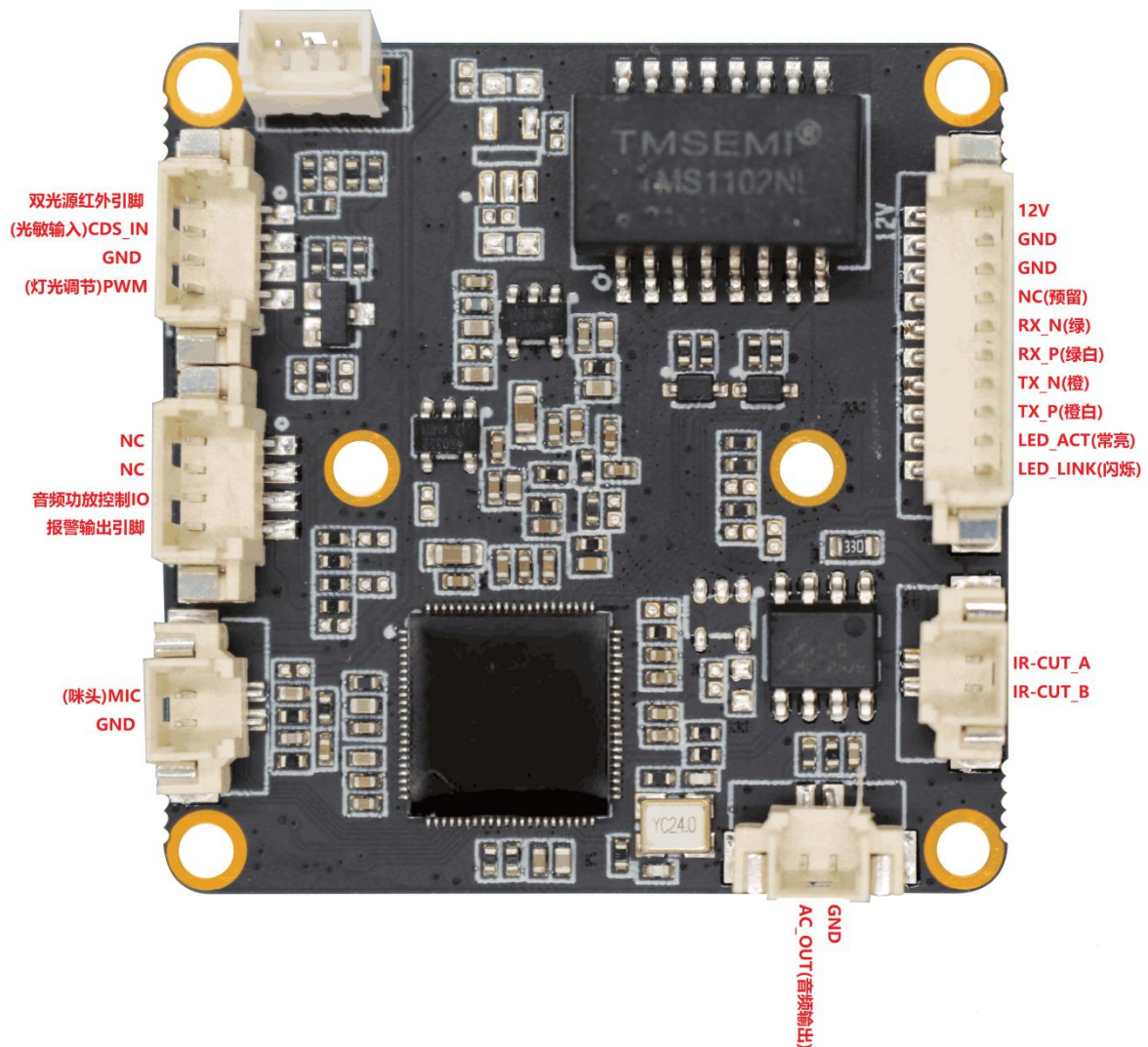
9. support the human detection function;

10. Support sound and light linkage alarm;

11. Support automatic maintenance function;

12. Support mobile surveillance(iOS, android), Web and VMS;

Wiring diagram



IR-CUT direction Description: IR-cut_ B is + (red), IR-cut_ A is - (black)

Audio power amplifier control I / O: the audio expansion board that needs to be opened at high level can use this pin to control

Function	
D/N switch	Support D/N switching(IR-CUT optional)
White balance	Support auto white balance
BLC	Support
Noise Reduction	Support 3D NR
WDR	Support D-WDR
Motion Detection	Support
Privacy shelter	Support
Mirror	Support
OSD	Support OSD setting, drag the position freely
Restart	Support
Intelligent function	
Human detection	It supports human detection and can detect human shape for intelligent alarm.
Voice Announcements	Support voice broadcast after human detection.
Light alarm	Support linkage light alarm when human form is detected.
Video	
Compression	H.264, H.265
Resolution	Main stream: 5MP(2880*1624), 4MP(2560*1440), 3MP(2304*1296), 2MP(1920*1080), 1MP(1280*720)
	Sub-stream: 448P(800*448)/D1(704*576)/360P(640*360)/ CIF(352*288)
Frame rate	5MP 20fps, 4MP 25fps, 3MP 30fps
Video Adjustment	Brightness, saturation, chroma, contrast and sharpness adjustment
Network	
Ethernet	RJ-45 10M/100M self-adaption
Protocol	ONVIF, P2P, CGI, HTTP, TCP/IP, IPv4, RTSP, UDP, NTP, DHCP, DNS, IP Filter
Access protocol	Support ONVIF/private protocol/CGI
Max users	4

Client	IOS, Android, Windows
Audio	
Audio	G.711U、G711A
Input	1CH In
Output	1CH Out
General specifications	
Size	38x38 single board
Temperature	-30℃~+80℃
Power	DC12V 2A

Please pay attention to heat dissipation when installing the complete camera, especially the housing with small plastic structure;

General camera accessories: housing, lamp board, module; Poe camera accessories: housing, lamp board, module, Poe module; Besides the temperature of the module itself, the lamp board and Poe module are also large heat sources; The lamp board accounts for 60%-80% of the power consumption of the whole camera and is the largest heat source. If the built-in Poe is added, it will further squeeze the internal space and block the internal heat dissipation. In addition to the obvious heat and dryness problems caused by poor heat dissipation, there will also be peeling of internal connecting lines, which will further lead to problems such as crash and disconnection, and affect the service life of the whole camera.

The improvement of heat dissipation can be solved by strengthening the heat dissipation of the housing, reducing the power consumption of the lamp board, and using external Poe.

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Notice:

The content in the manual only provides guidance for users, our company will update the content in the instructions depending on the product function enhancing or changing, and we will improve or update the software functions described in the manual. The updated content will be explained in new edition manual, without notice