http://www.anjvision.com/

2023 Product Electronic Manual

Product manual description

1 **Full Color 1/1.8" series**

2 **Binocular series**

3 **Intelligent AI series**

4 **Intelligent NVR**

5 **Cost performance IPC series**

6 **WIFI series**

7 **4G series**

1

Full Color 1/1.8" series

Intelligent 4K Full Color module

Function features：

- 1/1.8 8MP COMS Sensor
- supports H.265+,H.265, H.264 encoding
- Human detection, Car detection, Area intrusion alert, cross-border detection
- supports Two-way audio, alarm voice service ,cutomized alarm voice service
- supports V-REV, D-WDR
- supports ONVIF
- supports SDK   (WINDOWS,Android，Linux)
- supports Auto focus and PTZ
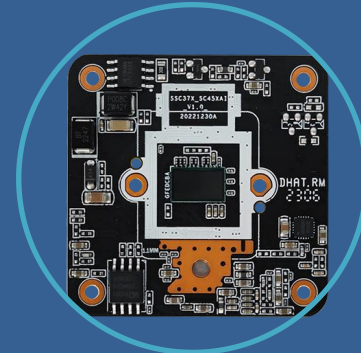- supports TF card ,WiFi, 4G expanded function, supports 1ch input and 1ch output IO alarm
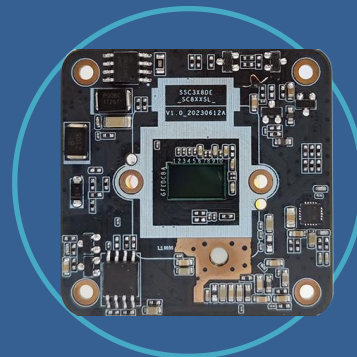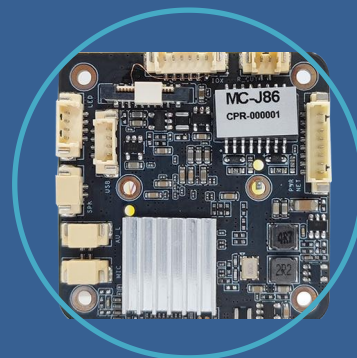
Intelligent 5 Megapixel Full Color module

Function features：
- 1/1.8 5MP COMS Sensor
- supports H.265+,H.265, H.264 encoding
- Human detection, Car detection, Area intrusion alert, cross-border detection
- supports Two-way audio, alarm voice service ,cutomized alarm voice service
- supports V-REV, D-WDR
- supports ONVIF
- supports SDK (WINDOWS,Android, Linux)
- supports Auto focus and PTZ
- supports TF card ,WiFi, 4G expanded function, supports 1ch input and 1ch output IO alarm
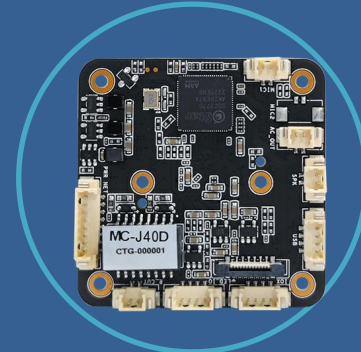
Intelligent 4 Megapixel **Full Color module**

Function features：
- 1/1.8 4MP COMS Sensor
- supports H.265+,H.265, H.264 encoding
- Human detection, Car detection, Area intrusion alert, cross-border detection
- supports Two-way audio, alarm voice service ,cutomized alarm voice service
- supports V-REV, D-WDR
- supports ONVIF
- supports SDK （WINDOWS,Android， Linux)
- supports Auto focus and PTZ
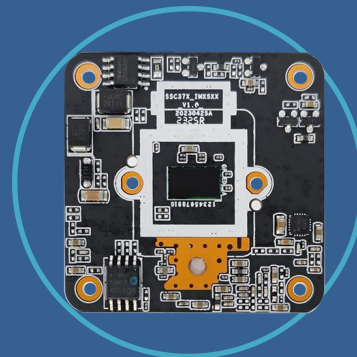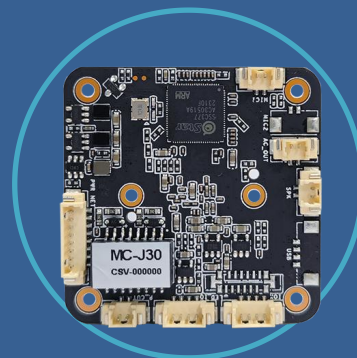- supports TF card ,WiFi, 4G expanded function, supports 1ch input and 1ch output IO alarm
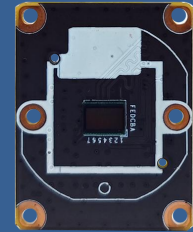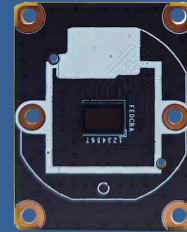
2

Binocular series

AI 4K Binocular Splicing Module

Function features：
- Binocular splicing, 32:9 super wide screen；
- Highest resolution 4K@20fps；
- Supports Human detection, Area intrusion alert, cross-border detection, voice and light alarm；
- More stable built-in LED controller, LED mode support Dual light, Infrared, Full color.
- 2.8MM lens horizontal Angle 180°, support wider angle with different lens；
- Supports backlight compensation, strong light suppression, 3D digital noise reduction；
- Maximum support 512 GB MicroSD/MicroSDHC/MicroSDXC card local storage；
- Supports two-way Audio；
- 2ch audio inputs, 1ch audio output
- Supports POE extension；

AI 4MP Binocular Splicing Module

Function features：
- Binocular splicing, 32:9 super wide screen;
- Highest resolution 3840×1080@20fps；
- Supports Human detection, Area intrusion alert, cross-border detection, voice and light alarm；
- More stable built-in LED controller, LED mode support Dual light, Infrared, Full color.
- 2.8MM lens horizontal Angle 180°, support wider angle with different lens；
- Supports backlight compensation, strong light suppression, 3D digital noise reduction；
- Maximum supports 512 GB MicroSD/MicroSDHC/MicroSDXC card local storage；
- Supports two-way Audio；
- 2ch audio inputs, 1ch audio output
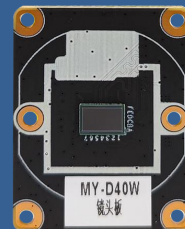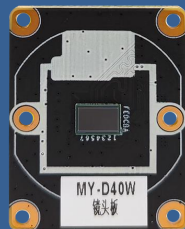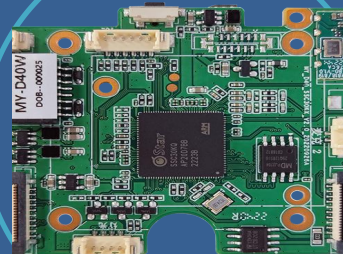- Supports POE extension；
- Supports Wifi,4G extension；

AI Double lens Module

Function features：
- 1/3"double 3MP CMOS Sensor
- LED mode support Dual light, Infrared, Full color
- H.265+ Intelligent coding to decrease bandwidth stress
- supports double camera Rotation
- Supports two way calling for easily communication；
- Maximum （512GB） Micro SD card/Cloud storage
- Supports APP remote control
- Supports human tracking/dual light source alarm/voice alarm/voice intercom
- ntelligent human detection: Area intrusion alert, cross-border detection
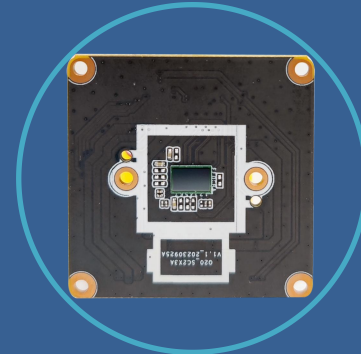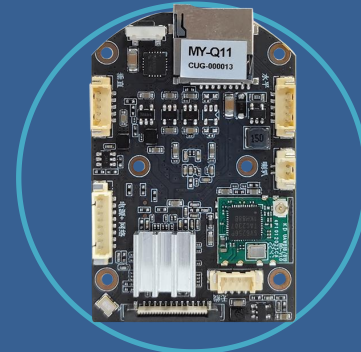
AI Double lens Zoom Module

Function features：
- 6X mixed zoom;
- Double lens：matched with different focal lens, nearby to see wider view , far to see clearly;
- LED mode supports Dual light, Infrared, Full color
- supports WiFi 2.4GHz+5GHz network for more fast and stable transmission;
- supports WiFi and LAN port options;
- H.265+ Intelligent coding to decrease bandwidth stress
- Supports rotation, guard position;
- Supports two way calling for easily communication;
- Maximum （512GB） Micro SD card/Cloud storage;
- Supports APP remote control;
- Supports human tracking/dual light source alarm/voice alarm/voice intercom;
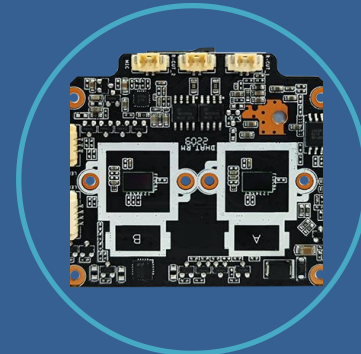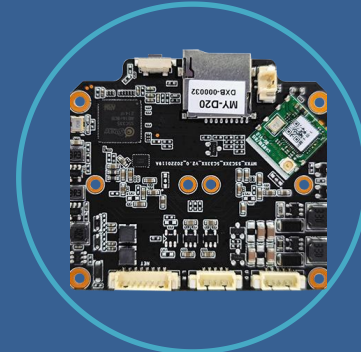
3
Intelligent AI Series

AI 12MP Double Light Mode Module

Model：MC-H12S

Function features：
- 1/2.3 1200MP CMOS Sensor；
- 2T computing；
- Supports H.265+, H.265, H.264 encoding；
- Supports 2 lighting sinal control：CDS、PWM signal；
- High-sensitivity Sensor：Dual light, Infrared, Full color；
- supports V-REV, D-WDR；
- Security perimeter alert: boundary detection, entering area detection, leaving area detection, and area intrusion alert
- Motor vehicles, non-motor vehicles, pedestrians can be classified detection and defense；
- supports Two-way audio, alarm voice service ,cutomized alarm voice service；
- Supports Onvif；
- Supports character overlay；
- IP address filtering；
- Supports POE extension；
- Supports auto focus and PTZ；
- TF Card slot、WIFI、4G 、IO alarm 1ch input&output functions can be expanded；
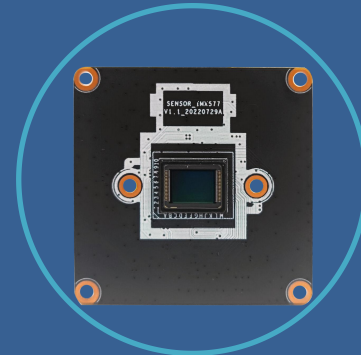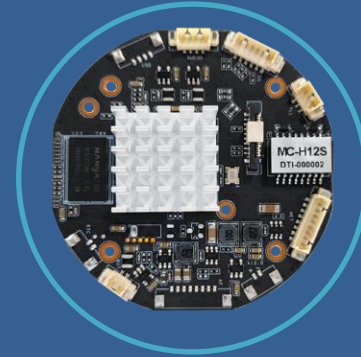
AI 4K Human-vehicle identification Module

Function features：
- 1/2.8 8MP CMOS Sensor；
- Supports H.265+, H.265, H.264 encoding；
- High-sensitivity Sensor：Dual light, Infrared, Full color；
- Supports intelligent analysis: face detection, license plate recognition, people counting, security perimeter alert；
- supports Two-way audio, alarm voice service ,cutomized alarm voice service；
- supports V-REV, D-WDR；
- Supports Onvif；
- Supports HDR, IP address filtering, blacklist and whitelist
- Supports auto focus and PTZ；
- TF Card slot、WIFI、4G 、IO alarm 1ch input&output functions can be expanded；

AI 4K Real-time Super blacklight Full color Module

Function features：
- 1/2.8 8MP CMOS Sensor；
- Supports H.265+, H.265, H.264 encoding；
- High-sensitivity Sensor：Dual light, Infrared, Full color；
- Supports intelligent analysis: face detection, license plate recognition, people counting, security perimeter alert；
- supports Two-way audio, alarm voice service ,cutomized alarm voice service；
- supports V-REV, D-WDR；；
- Supports Onvif；
- Supports HDR, IP address filtering, blacklist and whitelist
- Supports auto focus and PTZ；
- TF Card slot、WIFI、4G 、IO alarm 1ch input&output functions can be expanded；

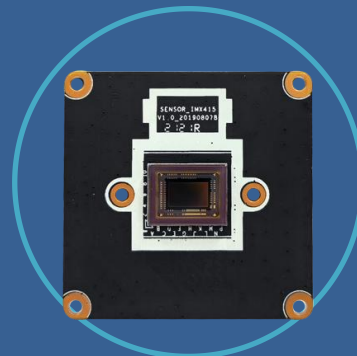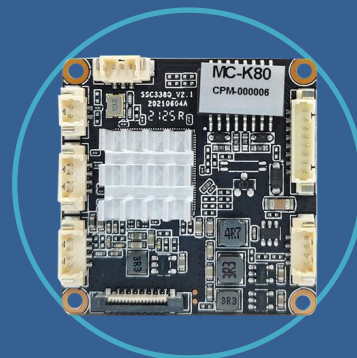# AI 5MP Human-vehicle identification Module

Function features:
- 1/2.8 5MP CMOS Sensor；
- Supports H.265+, H.265, H.264 encoding；
- High-sensitivity Sensor：Dual light, Infrared, Full color；
- Supports intelligent analysis: face detection, license plate recognition, people counting, security perimeter alert；
- supports Two-way audio, alarm voice service ,cutomized alarm voice service；
- supports V-REV, D-WDR；；
- Supports Onvif；
- Supports HDR, IP address filtering, blacklist and whitelist
- Supports auto focus and PTZ;
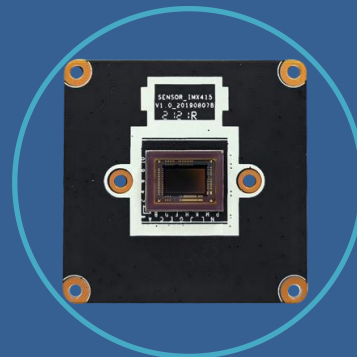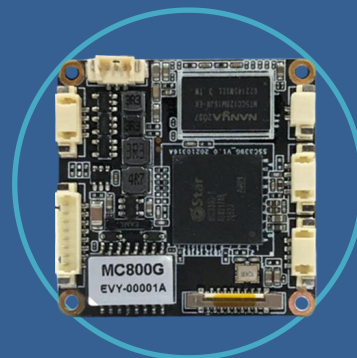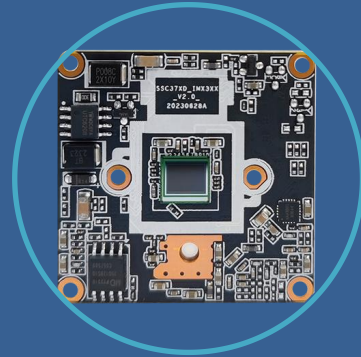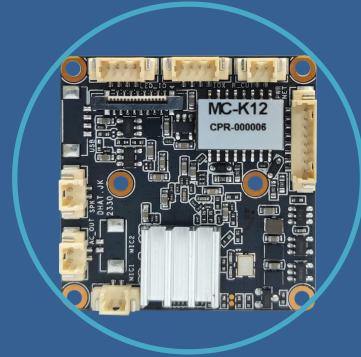- TF Card slot、WIFI、4G 、IO alarm 1ch input&output functions can be expanded;

AI electric scooter identification Module

Function features：
- 1/2.9 2MP CMOS Sensor ；
- Supports H.265+, H.265, H.264 encoding；
- Accurate identification of electric scooter,over 97% identification rate;；
- Supports MIC input, real-time monitoring;
- Supports TF card storage, maximum support 265G;
- 1 alarm input optional;
- Built-in speaker with alarm LED, voice intercom;
- Supports mobile APP remote (Android, IOS) AC18Pro
- APP, PC client, NVR support one-click deployment/dismounting;
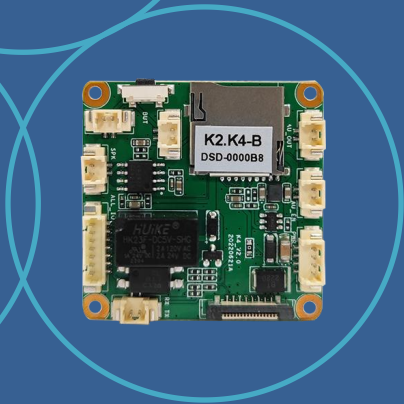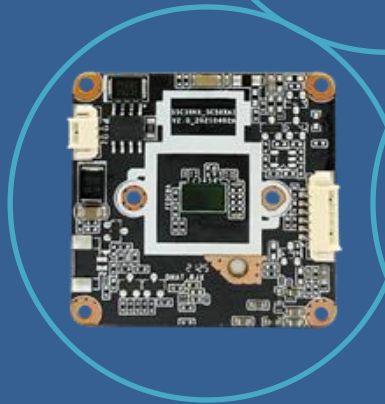
4

Intelligent NVR

AI 8ch 1HDD POE NVR

Model：MN6108-P

Function features：

- IPC plug and play，support IEEE802.3at POE PSE ,support maximum 30W/port;
- Real-time voltage and current detection,support short circuit protection;
- POE port 100Mbps 120 meters stable transmission,up to 250 meters stable transmission;
- Maximum HDMI 4K@30 output, VGA 1080P@30 output;
- Supports H.265, H.264 device mixed connection;
- 1SATA,Maximum 14TB
- Audio coding G.711U/A audio compression, supports monitoring, single channel intercom.
- Supports cloud services, APP, PC and other mobile devices remote control;

AI 12ch 1HDD NVR

Function features：

- Embedded Linux real-time operating system，IPC centralized management、centralized preview, centralized video, alarm and other practical functions;
- Supports H.265 video coding stream, support H.265, H.264 device mixed connection;
- Resolutions: 8ch 12MP/8MP、12ch 8MP/4MP/3MP/1080P/720P；
- supports ONVIF,support all network video surveillance interconnection；
- Supports G.711U, G.711A audio compression, video recording real-time monitoring;
- Supports one-click add, automatically modify camera IP address add;
- Supports daily record, video record, and other information query and backup;
- Supports AC18Pro cloud service, support mobile , PC and other mobile devices remote monitoring;
- Supports VGA and HDMI video signal (same origin), VGA maximum 1080P output; HDMI maximum 4K output;
- Maximum supports 12MP high-definition video preview, storage and playback;
- Supports 1 SATA interface;
- Supports HDMI and AUX (3.5mm) audio output;
- Supports 1ch 12MP/4ch 4MP simultaneous preview and playback;
- Maximum support 14TB hard disk;

AI 20ch 1HDD NVR

Function features：

- Embedded Linux real-time operating system，IPC centralized management、centralized preview, centralized video, alarm and other practical functions;
- Support H.265 video coding stream, support H.265, H.264 device mixed connection;
- Resolutions: 8ch 12MP/8MP、16ch 5MP，20ch 4MP/3MP/1080P/720P；
- supports ONVIF,support all network video surveillance interconnection；
- Supports G.711U, G.711A audio compression, video recording real-time monitoring;
- Supports one-click add, automatically modify camera IP address add;
- Supports daily record, video record, and other information query and backup;
- Supports AC18Pro cloud service, support mobile , PC and other mobile devices remote monitoring;
- Supports VGA and HDMI video signal (same origin), VGA maximum 1080P output; HDMI maximum 4K output;
- Maximum support 12MP high-definition video preview, storage and playback;
- Supports 1 SATA interface;
- Supports HDMI and AUX (3.5mm) audio output;
- Supports 1ch 12MP/4ch 4MP simultaneous preview and playback;
- Maximum support 14TB hard disk;

AI 20ch 2HDD NVR

Function features：

- Embedded Linux real-time operating system，IPC centralized management、centralized preview, centralized video, alarm and other practical functions;

- Supports H.265 video coding stream, supports H.265, H.264 device mixed connection;

- Resolution: 8ch 12MP/8MP、16ch 5MP，20ch 4MP/3MP/1080P/720P；

- supports ONVIF,support all network video surveillance interconnection；

- Supports G.711U, G.711A audio compression, video recording real-time monitoring;

- Supports one-click add, automatically modify camera IP address add;

- Supports daily record, video record, and other information query and backup;

- Supports AC18Pro cloud service, support mobile , PC and other mobile devices remote monitoring;

- Supports VGA and HDMI video signal (same origin), VGA maximum 1080P output; HDMI maximum 4K output;

- Maximum support 12MP high-definition video preview, storage and playback;

- Supports 2 SATA interface;

- Supports HDMI and AUX (3.5mm) audio output;

- Supports 1ch 12MP/4ch 4MP simultaneous preview and playback;

- Maximum support 14TB hard disk;

AI 36ch 2HDD NVR

Function features：
- supports connect ONVIF、RTSP protocol IPC.
- Supports H.265 video coding stream, support H.265, H.264 device mixed connection;
- supports 16ch 1080P/36 D1 decoding;
- Supports12 million pixel HD network video preview, storage and playback.
- Supports HDMI and VGA homologous output (later versions support different output), HDMI supports maximum ultra HD 4K output, VGA supports HD 1080P output;
- Supports 2 SATA , support maximum 14 TB hard disks/sata;
- supports fast playback and intelligent retrieval functions for human and vehicles detection, greatly improving the efficiency of video playback and retrieval;
- Supports centralized management of IP devices, including one-click addition, parameter configuration, batch upgrade, and import/export of IP devices;
- Supports cloud services, remote preview/playback/configuration via AC18Pro/Videolink APP

AI 64ch 4HDD NVR

Function features：

- supports connect ONVIF、RTSP protocol IPC.
- Supports H.265 video coding stream, support H.265, H.264 device mixed connection;
- supports 16ch 1080P/36 D1 decoding;
- Supports 12 million pixel HD network video preview, storage and playback.
- Supports HDMI and VGA homologous output (later versions support different output), HDMI supports maximum ultra HD 4K output, VGA supports HD 1080P output;
- Supports 4 SATA , support maximum 14 TB hard disks/sata;
- supports fast playback and intelligent retrieval functions for human and vehicles detection, greatly improving the efficiency of video playback and retrieval;
- Support centralized management of IP devices, including one-click addition, parameter configuration, batch upgrade, and import/export of IP devices;
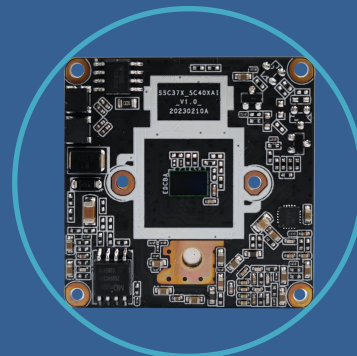- Support cloud services, remote preview/playback/configuration via AC18Pro/Videolink APP

AI 64ch 8HDD NVR

Function features：

- supports connect ONVIF、RTSP protocol IPC.
- Supports H.265 video coding stream, support H.265, H.264 device mixed connection;
- supports 16ch 1080P/36 D1 decoding;
- Supports 12 million pixel HD network video preview, storage and playback.
- Supports HDMI and VGA homologous output (later versions support different output), HDMI supports maximum ultra HD 4K output, VGA supports HD 1080P output;
- Supports 8 SATA , support maximum 14 TB hard disks/sata;
- supports fast playback and intelligent retrieval functions for human and vehicles detection, greatly improving the efficiency of video playback and retrieval;
- Supports centralized management of IP devices, including one-click addition, parameter configuration, batch upgrade, and import/export of IP devices;
- Supports cloud services, remote preview/playback/configuration via AC18Pro/Videolink APP
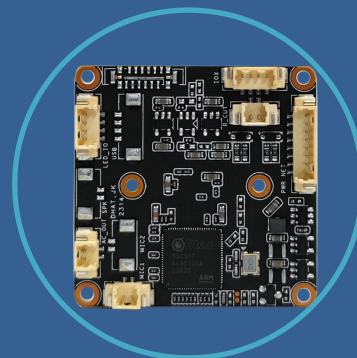
5

Extreme IPC Series

Extreme 4MP Double Light Mode Module

Model：MC-A42P

Function features：
- 1/3 4MP CMOS Sensor；
- Supports H.265+, H.265, H.264 encoding；
- High-sensitivity Sensor：Dual light, Infrared, Full color；
- Supports intelligent analysis: Accurate human detection, Security area alert
- supports Two-way audio, alarm voice service ,cutomized alarm voice service；
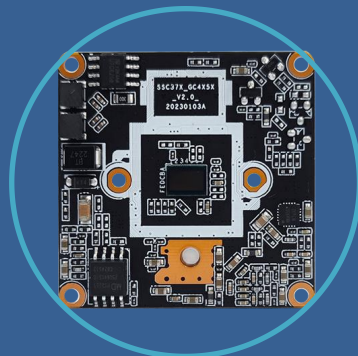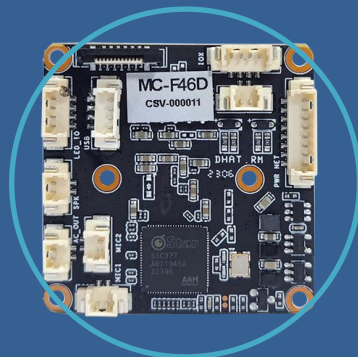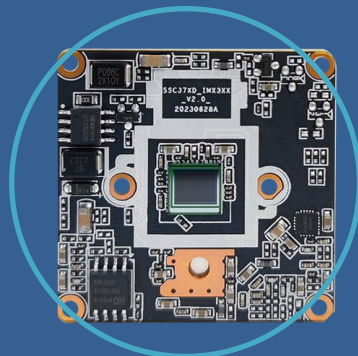- supports V-REV, D-WDR；
- Supports Onvif；

Extreme 5MP Double Light Mode Module

Function features：

- 1/3 5MP CMOS Sensor；
- Supports H.265+, H.265, H.264 encoding；
- High-sensitivity Sensor：Dual light, Infrared, Full color；
- Supports intelligent analysis: Accurate humanoid detection, Security area alert
- supports Two-way audio, alarm voice service ,cutomized alarm voice service；
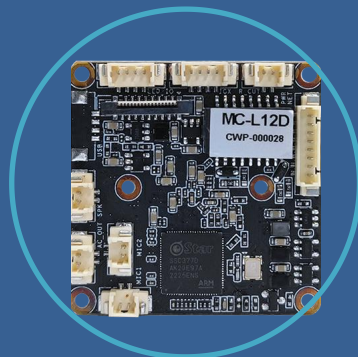- supports V-REV, D-WDR；
- Supports Onvif；

Extreme 5MP Double Light Mode Module

Function features：
- 1/3 5MP CMOS Sensor；
- Support H.265+, H.265, H.264 encoding；
- High-sensitivity Sensor：Dual light, Infrared, Full color；
- Support intelligent analysis: Accurate humanoid detection, Security area alert
- support Two-way audio, alarm voice service ,cutomized alarm voice service；
- support V-REV, D-WDR；
- Support Onvif；

Extreme 4K Double Light Mode Module

Function features：
- 1/2.7 8MP Blacklight CMOS Sensor；
- Supports H.265+、H.265, H.264 encoding；；
- Supports 2 lighting sinal control：CDS、PWM signal；
- High-sensitivity Sensor：Dual light, Infrared, Full color；
- supports V-REV；
- Intelligent analysis: Human detection, vehicle detection, Area intrusion alert, Multi-line tripwire alert;
- supports Two-way audio, alarm voice service ,cutomized alarm voice service；
- Supports Onvif；
- Supports character overlay;
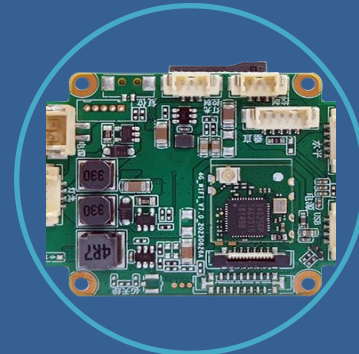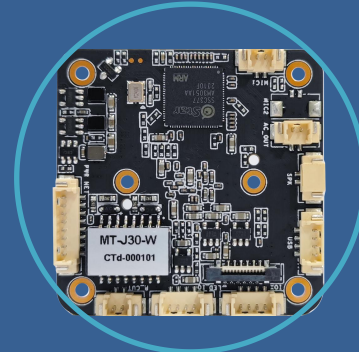- IP address filtering；
- Supports POE extension；

6
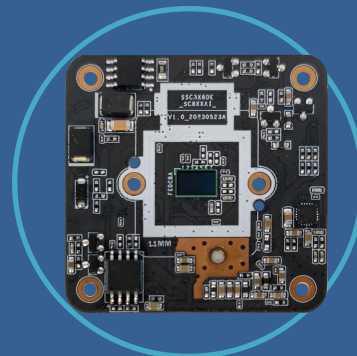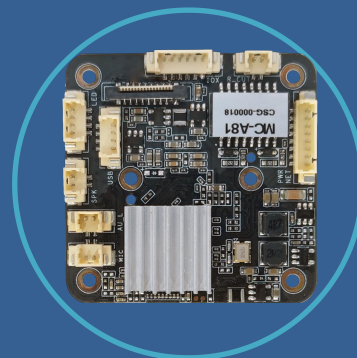
WIFI Series

5MP Full Color WiFi PTZ module

Model：MT-J30-W

Function features：

- 1/1.8" 5MP COMS Sensor
- supports WiFi 2.4GHz+5GHz network for more fast and stable transmission；
- supports WiFi and LAN port options；
- H.265+ Intelligent coding to decrease bandwidth stress
- Supports rotation, guard position,cruise, tracking；
- Supports two way calling for easily communication；
- Maximum （512GB） Micro SD card/Cloud storage；
- Supports mobile APP remote (Android, IOS) AC18Pro
- Supports humanoid tracking/voice alarm/voice intercom
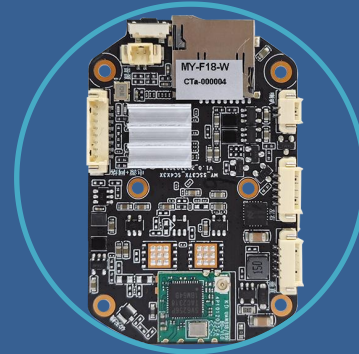- Intelligent analysis Human detection:Area intrusion alert, Multi-line tripwire alert；

4MP wifi mini PTZ Module

Function features：

- 1/3" 4MP COMS Sensor
- supports 3 modes:Dual light, Infrared, Full color；
- supports WiFi and LAN port options；
- H.265+ Intelligent coding to decrease bandwidth stress
- Supports rotation, guard position；
- Supports two way calling for easily communication；
- Maximum（512GB）Micro SD card/Cloud storage；
- Supports APP remote control；
- Supports umanoid tracking/dual light source alarm/voice alarm/voice intercom；
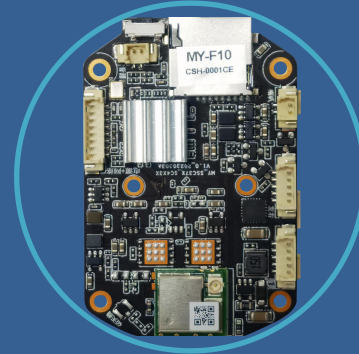- Intelligent analysis Human detection:Area intrusion alert, Multi-line tripwire alert；

3MP PT camera Wifi Module

Function features：

- 1/3" 3MP COMS Sensor
- supports 3 modes:Dual light, Infrared, Full color；
- supports WiFi and LAN port options；
- H.265+ Intelligent coding to decrease bandwidth stress
- Supports rotation, guard position；
- Supports two way calling for easily communication；
- Maximum （512GB） Micro SD card/Cloud storage；
- Supports APP remote control；
- Supports umanoid tracking/dual light source alarm/voice alarm/voice intercom；
- Intelligent analysis Humanoid detection:Area intrusion alert, Multi-line tripwire alert；

3MP PT camera Wifi Module

Function features：

- 1/2.9 3MP Extreme Starlight CMOS Sensor；
- H.265+ Intelligent coding to decrease bandwidth stress；
- supports switching between WiFi and LAN；
- supports 3 modes:Dual light, Infrared, Full color；
- Human detection: Support multi-target detection, Security area detection;
- Supports PTZ control, guard position, support humanoid tracking;
- Speaker support:Alarm voice with light, two-way voice intercom;
- Supports MicroSD card and cloud storage
- Optional GB28181/ONVIF protocol;
- Supports mobile remote (Android, IOS) AC18Pro
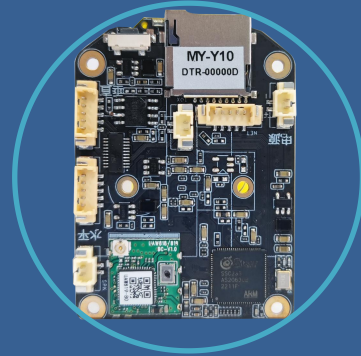
3MP Bullet camera wifi Module

Function features：

- 1/2.9 3MP Extreme Starlight CMOS Sensor ；
- H.265+ Intelligent coding to decrease bandwidth stress；
- supports switching between WiFi and LAN；
- supports 3 modes:Dual light, Infrared, Full color；
- Human detection: Support multi-target detection, Security area detection ；
- Human detection intelligent anti-face exposure;
- Speaker support:Alarm voice with light, two-way voice intercom;
- Supports MicroSD card and cloud storage
- Supports auto focus and rotation;
- Optional GB28181/ONVIF protocol;
- Support mobile remote (Android, IOS) AC18Pro
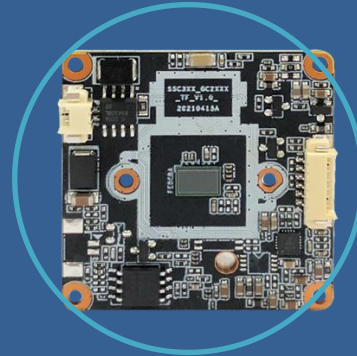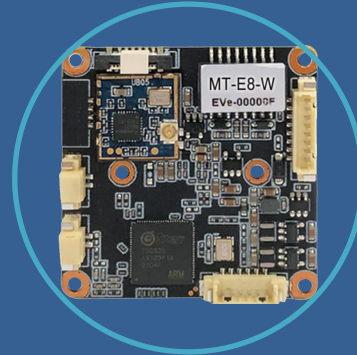
5MP WIFI 12X ZOOM Module

Function features：

- 1/3 5MP Blacklight CMOS Sensor；
- H.265+ Intelligent coding to decrease bandwidth stress；
- support 3 modes:Dual light, Infrared, Full color；
- support switching between WiFi and LAN；
- Support two way calling for easily communication；
- Support PTZ control: cruise, area scanning, humanoid tracking
- Maximum （512GB） Micro SD card/Cloud storage；
- Support mobile remote
- support Two-way audio, alarm voice service ,cutomized alarm voice service；
- support Humanoid detection, Security area detection ；
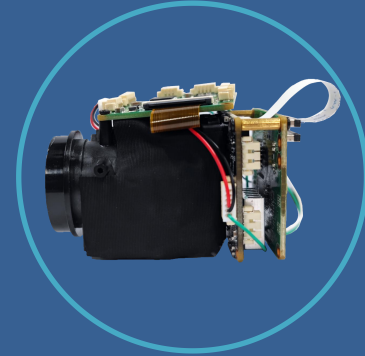
7
4G Series

5MP Full Color 4G PTZ module

Function features：
- 1/1.8" 5MP COMS Sensor
- Supports 4G full netcom, dual card dual standby, telecom mobile adaptive network;support WiFi and LAN port options；
- H.265+ Intelligent coding to decrease bandwidth stress
- Supports rotation, guard position,cruise, tracking；
- Supports two way calling for easily communication；
- Maximum （512GB） Micro SD card/Cloud storage；
- Supports mobile APP remote (Android, IOS) AC18Pro
- Supports human tracking/voice alarm/voice intercom
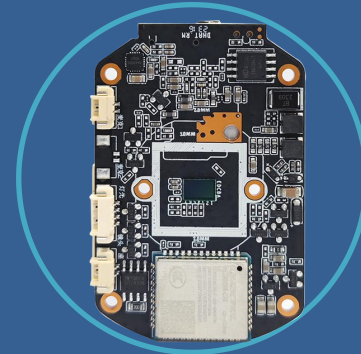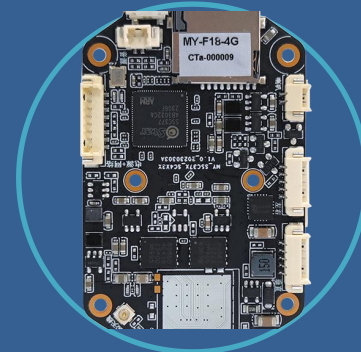- Intelligent analysis Human detection:Area intrusion alert, Multi-line tripwire alert；
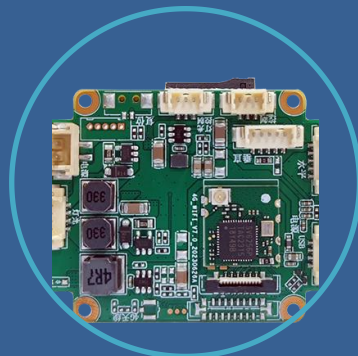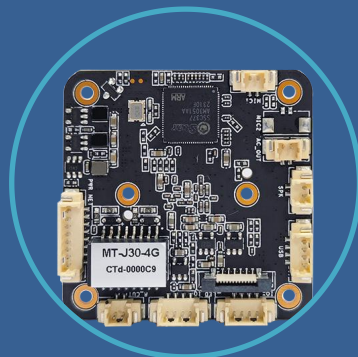
4MP 4G mini PTZ Module

Function features：

- 1/3" 4MP COMS Sensor
- support 3 modes:Dual light, Infrared, Full color；
- 4G full Netcom: Telecom, mobile, Unicom. Built-in eSIM card for telecommunications；
- H.265+ Intelligent coding to decrease bandwidth stress
- Support rotation, guard position；
- Support two way calling for easily communication；
- Maximum （512GB） Micro SD card/Cloud storage；
- Support APP remote control；
- Support umanoid tracking/dual light source alarm/voice alarm/voice intercom；
- Intelligent analysis Humanoid detection:Area intrusion alert, Multi-line tripwire alert；

3MP 4G MINI PTZ Model

Function features：

- 1/3" 3MP COMS Sensor
- supports 3 modes:Dual light, Infrared, Full color；
- 4G full Netcom: Telecom, mobile, Unicom. Built-in eSIM card for telecommunications；
- H.265+ Intelligent coding to decrease bandwidth stress
- Supports rotation, guard position；
- Supports two way calling for easily communication；
- Maximum （512GB） Micro SD card/Cloud storage；
- Supports APP remote control；
- Supports humam tracking/dual light source alarm/voice alarm/voice intercom；
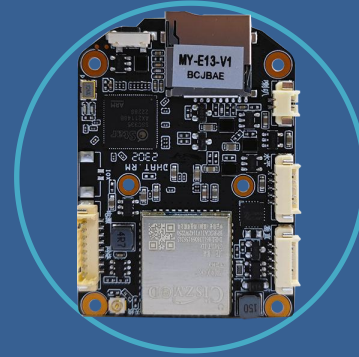- Intelligent analysis Human detection:Area intrusion alert, Multi-line tripwire alert；
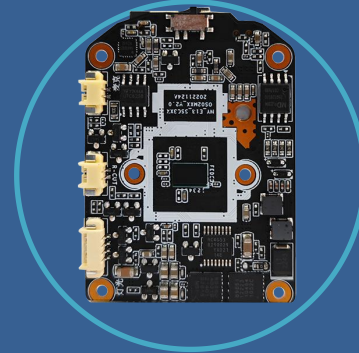
5MP 4G 12X ZOOM Module

Model：MC-F46-4G12Y

Function features：

- 1/3 5MP Blacklight CMOS Sensor；
- H.265+ Intelligent coding to decrease bandwidth stress；
- supports 3 modes:Dual light, Infrared, Full color；
- Supports 4G full netcom, dual card dual standby, telecom mobile adaptive network；
- Supports two way calling for easily communication；
- Supports PTZ control: cruise, area scanning, human tracking
- Maximum （512GB）Micro SD card/Cloud storage；
- Supports mobile remote
- supports Two-way audio, alarm voice service ,cutomized alarm voice service；
- supports Human detection, Security area detection ；
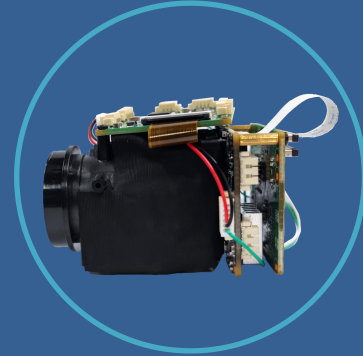
Thank you for watching

Please follow the official account for more products