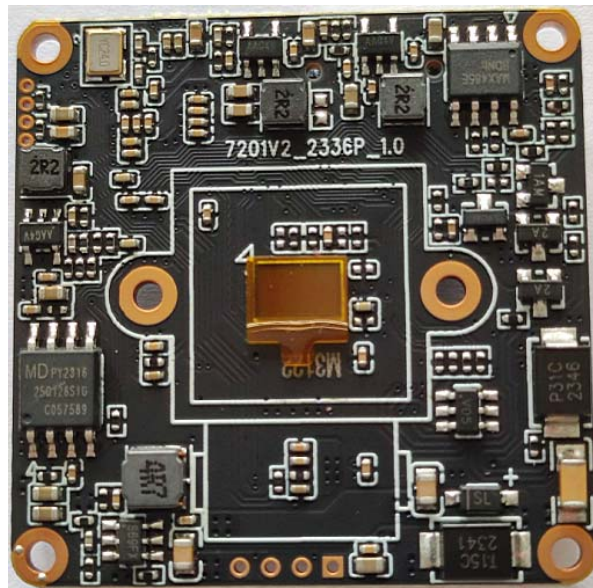


HX4201S-1080M2-38-B 200W HD Camera module

Apperance



Brief introduction

The 2MP low lux HD camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.264 and H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

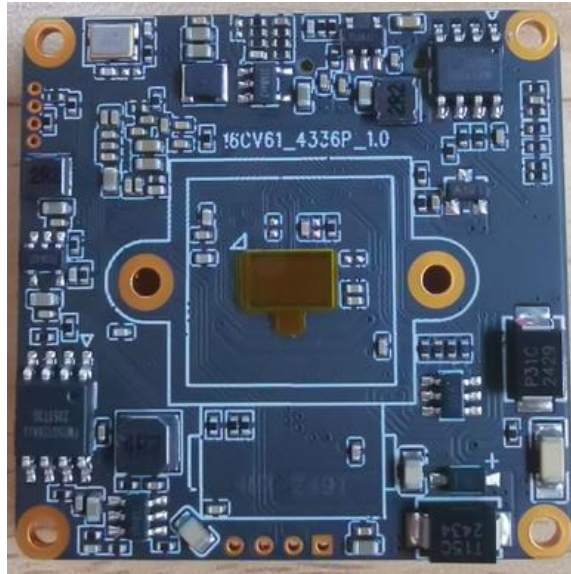
- High sensitivity, high S/N CMOS image sensor
- Using SoC GK7201V200
- The highest pixel can reach 200W, and the highest resolution can reach 1920x1080
- **Default** H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- With amplifier chip, it can be directly connected to a speaker
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, maximum 128GB Micro SD card
- Support APP downloading and replaying SD card recordings

Parameter

HX4201S-1080M2-38-B	
operating system	Embedded LINUX
main processor	GK7201V200
image sensor	1/3"CMOS sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile, H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1280Kbps
Image	
Maximum image size	200W(1920x1080)
definition	First stream: 200W (1920x1080)
	Second stream: 640x352
Video frame rate	200W 20fps(50HZ), 20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Maximum 128GB Micro SD card storage, support timed recording and alarm recording storage(Alarm recording duration of 15 seconds), support alarm upload cloud storage function (requires purchase of cloud storage package)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send pictures of the alarm to the designated email address; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input, support MIC input
Audio output	1CH output, use with an 8-ohm speaker
network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	38x38x9mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.5W

HX6101S-4M11-38-B 4MP

Apperance



Brief introduction

The 4MP camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.264 and H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support remote monitoring with mobile phones.

Main characteristics

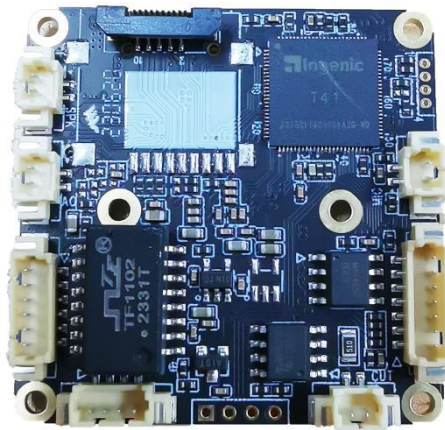
- High sensitivity, high S/N CMOS image sensor
- Using SoC Hi3516CV610
- The highest pixel can reach 400W, and the highest resolution can reach 400W(2560x1440)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support humanoid recognition and vehicle recognition
- Support alarm recording to TF card
- Support uploading alarm recordings to cloud storage (requires purchasing a cloud storage package)
- Support both static IP and dynamic IP (DHCP)
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, maximum 128GB Micro SD card
- Support mobile phone downloading and replaying SD card recordings

Parameter

HX6101S-4M11-38-B	
operating system	Embedded LINUX
main processor	Hi3516CV610
image sensor	1/3"CMOS sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile, H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1280Kbps
Image	
Maximum image size	400W(2560x1440)
definition	First stream: 400W (2560x1440)
	Second stream: 640x360
Video frame rate	400W 20fps(50HZ),20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Maximum 128GB Micro SD card storage, support timed recording and alarm recording storage, support alarm upload to cloud storage (requires to purchase cloud storage package)
Motion detection	Support one video mosaic, 4 independent detection areas can be set (sensitivity 1-100 can be set)
AI recognition	Support humanoid recognition and vehicle recognition
Alarm linkage	Support alarm images and alarm recordings to TF card, support sending the alarm image via email, Alarm recording uploaded to cloud storage (requires to purchase cloud storage package)
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input, support MIC input
Audio output	1CH output, directly connected to the speaker
network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Dual band Wireless network interface
General specifications	
Size	38x38x9mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.5W

HX9101S-5M12G-38-B 5MP HD Camera Module

Appearance



Brief introduction

The 5MP low lux HD camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support ONVIF, support RTSP, support alarm pictures upload to FTP server and remote monitoring with mobile phones.

Main characteristics

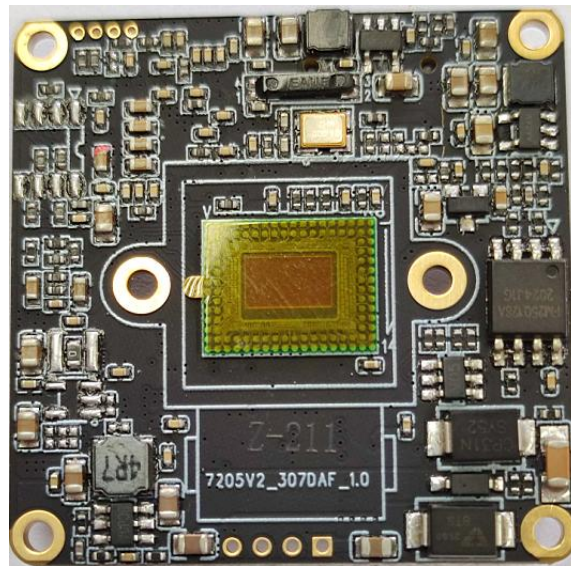
- High sensitivity, high S/N CMOS image sensor
- Using Ingenic T41NQ
- The highest pixel can reach 500W, and the highest resolution can reach (2880x1620)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support P2P Plug and Play
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support humanoid recognition, vehicle recognition, and pet recognition
- Support Micro SD card, Max 128GB Micro SD card
- Support APP downloading and replaying SD card recordings
- Support alarm recordings upload to cloud (requires to purchase cloud storage package)

Parameter

HX9101S-5M12G-38-B	
operating system	Embedded LINUX
main processor	Ingenic T41NQ
image sensor	1/2.7"CMOS sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile, H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 960Kbps
Image	
Maximum image size	500W(2880x1620)
definition	First stream: 500W(2880x1620), 400W (2560x1440)
	Second stream: 800x600, 640x480, 800x480、640x352
Video frame rate	12.5fps(50HZ), 15fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Maximum 128GB Micro SD card storage, support timed recording and alarm recording storage(Alarm recording duration of 15 seconds), support alarm upload cloud server (requires purchase of cloud storage package)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send pictures of the alarm to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server; support alarm pictures and videos to TF card
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input, support MIC input
Audio output	1CH output, support connecting headphones or amplifiers
network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	(length, width) 38x38
Temperature and humidity	0℃~+50℃ 10%~95%RH
Power Supply	DC12V 2A
Power consumption	1.5W

HX3001S-1080H34D1A-38-B 2MP HD Camera module

Appearance



Brief introduction

The 2MP low lux HD 38 camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

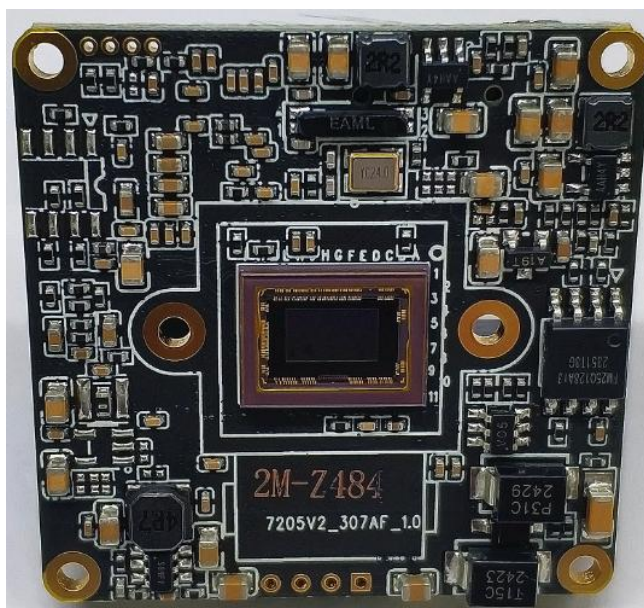
- High sensitivity, high S/N CMOS image sensor
- Using GK7201V200
- The highest pixel can reach 200W, and the highest resolution can reach 1080P (1920x1080)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, DHCP, DNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support P2P Plug and Play
- Support Humanoid detection
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support APP downloading and replaying SD card recordings

Parameter

HX3001S-1080H34D1A-38-B	
operating system	Embedded LINUX
main processor	GK7205V200
image sensor	1/2.9"CMOS sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile, H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1536Kbps
Image	
Maximum image size	1080P(1920x1080)
definition	First stream: 1080P (1920x1080)
	Second stream: 640x352
Video frame rate	1080P 25fps(50HZ), 30fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128G Micro SD card storage, support timed recording and alarm recording storage
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Humanoid detection	support
Alarm linkage	Send alarm pictures the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, DHCP, DNS, FTP, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input
Audio output	1CH output
network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	38x38x9mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 1A
Power consumption	1.2W

HX3001S-1080K34-38-B 2MP HD module

Appearance



Brief introduction

The 2MP Low Lux HD 38 module adopts a highly integrated SOC processor, with extremely low power consumption and strong stability; support H264 and H.265 compression algorithms, ensuring image quality while effectively reducing network bandwidth usage; Powerful network functionality, support standard ONVIF protocol, support RTSP, support uploading alarm images to FTP servers, sending alarm images to E-Mail, and support mobile phone remote monitoring.

Main features

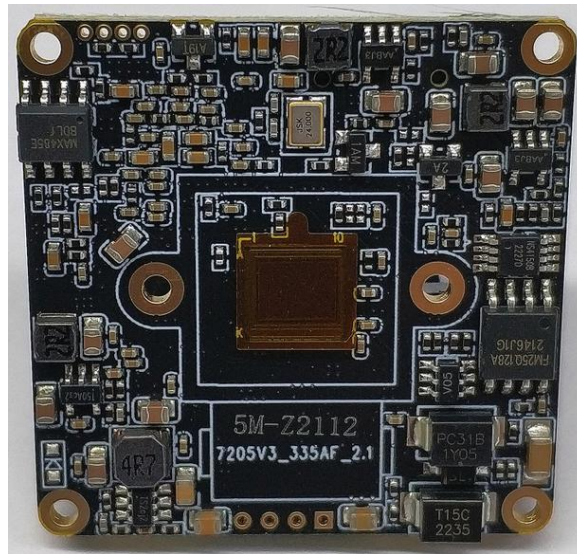
- High sensitivity, high signal-to-noise CMOS image sensor
- Using GK7205V200
- Max 200W pixels and Max (1920x1080) resolution
- H265 compression algorithm, effectively reduces network bandwidth, supports dual streams, and supports mobile monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, DHCP, DNS, NTP, UPNP, RTSP etc.
- Support ONVIF protocol
- Support sending alarm images via E-Mail
- Support uploading alarm images and video recordings to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support P2P plug and play
- Support IE, Google, and Firefox browsers
- Up to 6 users can browse simultaneously (each stream supports 3 users)
- Provide motion detection alarm function(area and sensitivity can be set)
- Support humanoid detection
- Support Micro SD card, Max 128G
- Support mobile phone download and playback of SD card recordings

Parameters

HX3001S-1080K34-38-B	
Operating system	embedded LINUX
Main processor	GK7205V200
Image sensor	1/2.8"CMOS sensor
IRCUT	support
compression standard	
Video compression algorithm	Support H.265, H.264 High Profile ,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission bit stream	32Kbps-6144bps, can be self-defined, default is 536Kbps
Image	
Maximum Image Size	200W(1920x1080)
Definition	First code stream: 200W (1920x1080)
	Second code stream: 640x352
Video frame rate	200W 25fps(50HZ), 25fps(60HZ)
OSD	Support OSD name, time and date information overlay
Image settings	Brightness, contrast, saturation, exposure, up/down inversion, left/right mirror adjustable
Network functions	
Storage	Support up to 128G Micro SD card storage, support timed recording and alarm recording storage (alarm recording duration of 15 seconds)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Humanoid detection	support
Alarm Linkage	Send alarm images to the designated email address; Upload alarm images and videos to FTP server
network protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, DHCP, FTP, DNS, NTP, UPNP, RTSP
Access protocol	Support ONVIF 2.4
Interface	
Audio input	1CH input
Audio output	1CH output
Network port	10Base-T/100Base-TX Ethernet port
	WiFi 802.11b/g/n wireless network port
General specifications	
Size	38x38mm (length and width)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power	DC12V 1A
Power consumption	1.5W

HX5001S-5M1D-38-B 5MP HD module

Appearance



Brief introduction

The 5MP HD 38 module adopts a highly integrated SOC processor, with extremely low power consumption and strong stability; Supports H.265 compression algorithms, ensuring image quality while effectively reducing network bandwidth usage; Powerful network functionality, support standard ONVIF protocol, support RTSP, support uploading alarm images to FTP servers, sending alarm images to E-Mail, and support mobile phone remote monitoring;

Main features

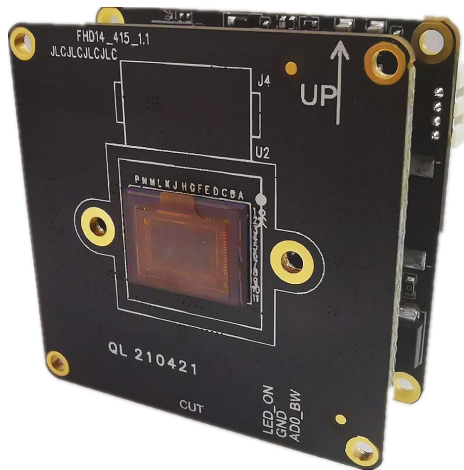
- High sensitivity, high signal-to-noise CMOS image sensor
- Using GK7205V300
- Up to 500W pixels and up to (2560x1920) resolution
- H265 compression algorithm, effectively reduces network bandwidth, supports dual streams, and supports mobile monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, DHCP, DNS, NTP, UPNP, RTSP etc.
- Support ONVIF protocol
- Support sending alarm images via E-Mail
- Support uploading alarm images and video recordings to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support P2P plug and play
- Support IE, Google, and Firefox browsers
- Up to 6 users can browse simultaneously (each stream supports 3 users)
- Provide motion detection alarm function (area and sensitivity can be set)
- Support humanoid detection
- Support Micro SD card, maximum 128G
- Support mobile phone download and playback of SD card recordings

Parameters

HX5001S-5M1D-38-B	
Operating system	embedded LINUX
Main processor	GK7205V300
Image sensor	1/2.8" ultra low lux CMOS sensor
IRCUT	support
compression standard	
Video compression algorithm	Support H.265, H.264 High Profile ,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission bit stream	32Kbps-6144bps, can be self-defined, default is 1536Kbps
Image	
Maximum Image Size	5MP(2560x1920)
Definition	First code stream: 5MP(2560x1920), 4MP(2560x1440)can be set
	Second code stream: Q720P(800x600 or 640x480), QQ720P(800x448 or 640x352) can be set
Video frame rate	12.5fps(50HZ), 15fps(60HZ)
OSD	Support OSD name, time and date information overlay
Image settings	Brightness, contrast, saturation, exposure, up/down inversion, left/right mirror adjustable
Network functions	
Storage	Support Max 128G Micro SD card storage, support timed recording storage
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Humanoid detection	support
Alarm Linkage	Send alarm images to the designated mailbox; Upload alarm images and videos to FTP server
network protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, DHCP, FTP, DNS, NTP, UPNP, RTSP
Access protocol	Support ONVIF 2.4
Interface	
Audio input	1CH input
Audio output	1CH output
Network port	10Base-T/100Base-TX Ethernet port
	WiFi 802.11b/g/n wireless network port
General specifications	
Size	38x38x25mm (length, width and height)
Temperature and humidity	0℃~+50℃ 10%~95%RH
Power	DC12V 1A
Power consumption	1.8W

HX9102SW-4K-38-4 4K HD Camera module

Appearance



Brief introduction

The 4K low lux HD 38 camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

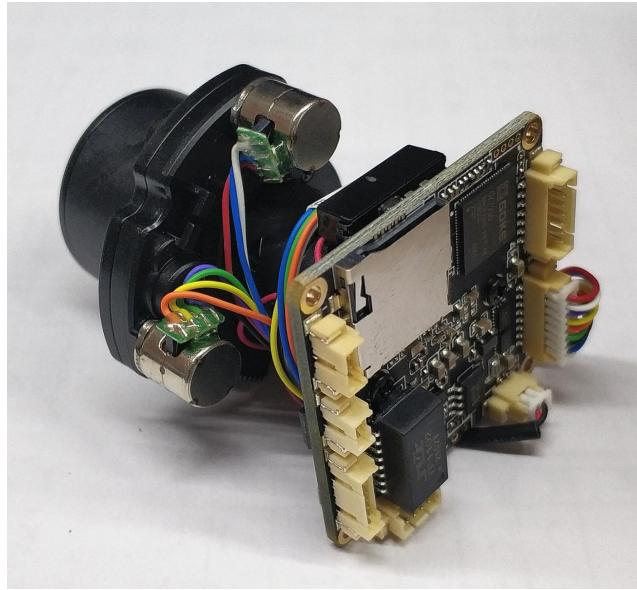
- High sensitivity, high S/N CMOS image sensor
- Using SSC338Q
- The highest pixel can reach 800W, and the highest resolution can reach 4K(3840x2160)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support P2P plug and play
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support humanoid recognition, vehicle recognition, and pet recognition
- Support UPNP automatic port mapping
- Support Micro SD card, maximum 128GB Micro SD card
- Support PC client to download SD card recording
- Support mobile phone downloading and playback SD card recordings
- Supports 5G WiFi connection

Parameter

HX9102SW2-4KE-4	
operating system	Embedded LINUX
main processor	SSC338Q
image sensor	1/2.8" IMX415 CMOS sensor
Lens	M12,4mm HD lens
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265 Main Profile
Audio compression algorithm	G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1536Kbps
Image	
Maximum image size	4K(3840x2160)
definition	First stream: 4K (3840x2160)
	Second stream: 720P(1280x720)
Video frame rate	10/20fps(50HZ), 10/20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Humanoid detection	support
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input, support MIC input/linear input (requires tail line support)
Audio output	1CH output, support connection to headphones or amplifiers (requires tail line support)
network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	38x38x9mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 1A
Power consumption	2.2W

HX3001S-1080H77D-38-AF 2MP HD Camera Module

Appearance



Brief introduction

The 2MP low lux HD 38 camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

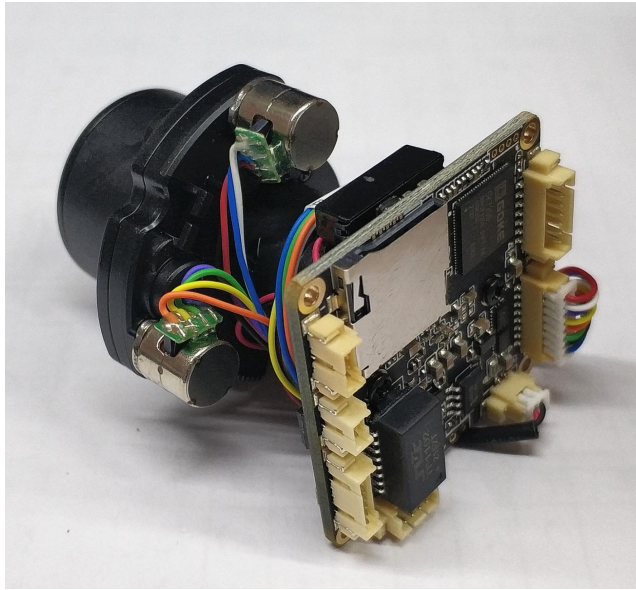
- High sensitivity, high S/N CMOS image sensor
- Using GK7205V200
- The highest pixel can reach 200W, and the highest resolution can reach (1920x1080)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX3001S-1080H77D-38-AF	
operating system	Embedded LINUX
main processor	GK7205V200
image sensor	1/2.8"CMOS sensor
IRCUT	support
Lens	2.7-13.5mm auto focus lens
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1536Kbps
Image	
Maximum image size	200W(1920x1080)
definition	First stream: 200W (1920x1080)
	Second stream: 640x352
Video frame rate	200W 25fps(50HZ), 25fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage(Alarm recording duration of 15 seconds)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP,IGMP, SMTP, FTP, DHCP, DNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input
Audio output	1CH output
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	38x38x9mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	2W

HX5001S-5M4D-38-AF 5MP HD Camera Module

Appearance



Brief introduction

The 5MP low lux HD 38 camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

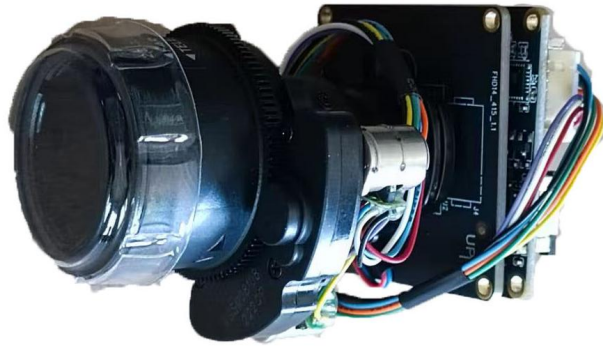
- High sensitivity, high S/N CMOS image sensor
- Using GK7205V300
- The highest pixel can reach 500W, and the highest resolution can reach 5MP(2560x1920)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Humanoid detection
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX5001S-5M4D-38-AF	
operating system	Embedded LINUX
main processor	GK7205V300
image sensor	1/2.8"CMOS sensor
IRCUT	support
Lens	2.7-13.5mm auto focus lens
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1536Kbps
Image	
Maximum image size	5MP(2560x1920)
definition	First stream: 5MP(2560x1920), 4MP(2560x1440) can set
	Second stream: Q720P(800x600 or 640x480), QQ720P(800x448 or 640x352) can set
Video frame rate	12.5fps(50HZ), 15fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage(Alarm recording duration of 15 seconds)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input
Audio output	1CH output
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	38x38x9mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	2W

HX9102SW2-4K4E-38-AF 4K HD Camera Module

Appearance



Brief introduction

The 4K low lux HD 38 camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

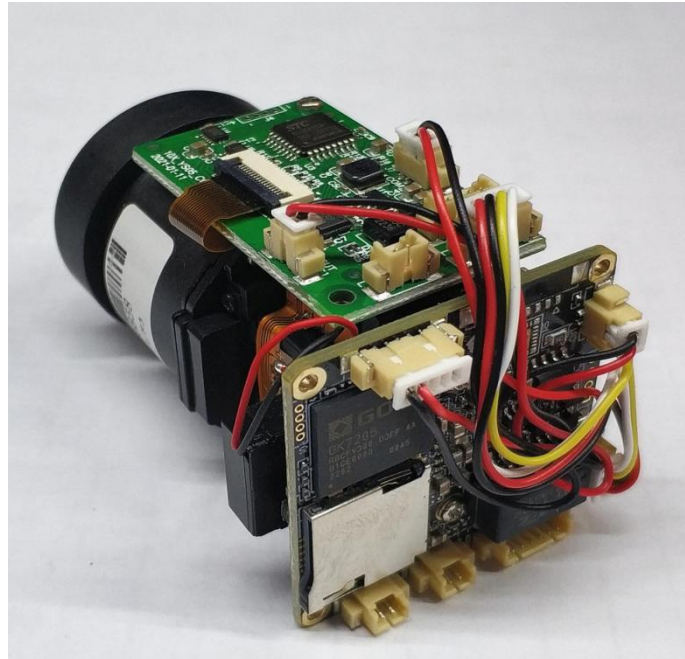
- High sensitivity, high S/N CMOS image sensor
- Using SSC338Q
- The highest pixel can reach 800W, and the highest resolution can reach 4K(3840x2160)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support P2P plug and play
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support humanoid recognition, vehicle recognition, and pet recognition
- Support Micro SD card, maximum 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings
- Supports 5G WiFi connection

Parameter

HX9102SW2-4K4E-38-AF	
operating system	Embedded LINUX
main processor	SSC338Q
image sensor	1/2.8" IMX415 CMOS sensor
Lens	2.7-13.5mm auto focus lens
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265 Main Profile
Audio compression algorithm	G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1536Kbps
Image	
Maximum image size	4K(3840x2160)
definition	First stream: 4K (3840x2160)
	Second stream: 720P(1280x720)
Video frame rate	10/20fps(50HZ), 10/20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Humanoid detection	support
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input, support MIC input/linear input (requires tail line support)
Audio output	1CH output, support connection to headphones or amplifiers (requires tail line support)
network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	38x38x9mm (length, width and height)
Temperature and humidity	0℃ ~+50℃ 10%~95%RH
Power Supply	DC12V 1A
Power consumption	2.2W

HX5001S-5M5D-38-AF11 5MP 10X Optical Zoom HD Camera Module

Appearance



Brief introduction

The 5MP Auto focus HD 38 camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

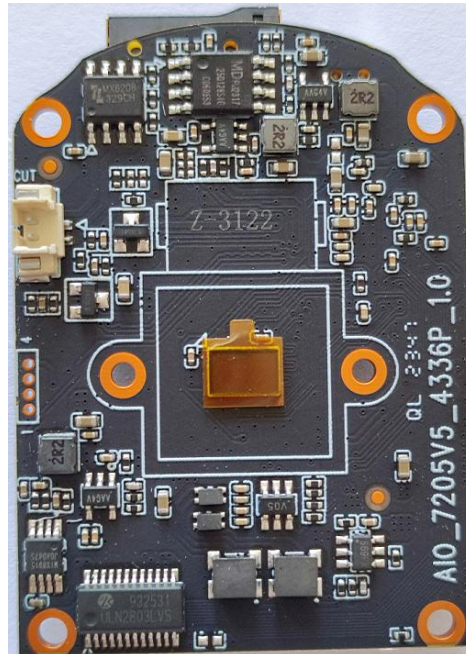
- High sensitivity, high S/N CMOS image sensor
- Using GK7205V300
- The highest pixel can reach 500W, and the highest resolution can reach 5MP(2560x1920)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support P2P Plug and Play
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support UPNP automatic port mapping
- Support Micro SD card, max 128GB Micro SD card
- Support PC client to download SD card recording
- Support mobile phone downloading and playback SD card recordings

Parameter

HX5001S-5M5D-38-AF11	
operating system	Embedded LINUX
main processor	GK7205V300
image sensor	1/2.8"CMOS sensor
IRCUT	support
Lens	4.7-47mm auto focus lens
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1536Kbps
Image	
Maximum image size	5MP(2560x1920)
definition	First stream: 5MP(2560x1920), 4MP(2560x1440) can set
	Second stream: Q720P(800x600 or 640x480), QQ720P(800x448 or 640x352) can set
Video frame rate	12.5fps(50HZ), 15fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH input, support MIC input/linear input (requires tail line support)
Audio output	1CH output, support connecting headphones or Amplifier (requires tail line support)
485 Interface	1CH 485
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	38x38x25mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.8W

HX4201SW9-1080M5-MF-B 2MP HD Integrated Camera Module

Appearance



Brief introduction

The 2MP Low lux HD integrated camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.264 and H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

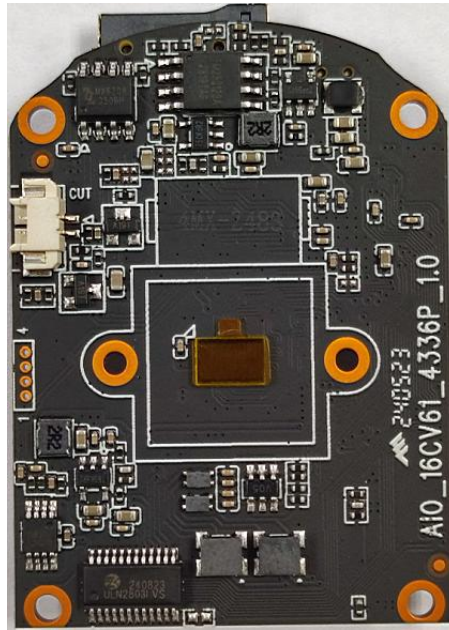
- High sensitivity, high S/N CMOS image sensor
- Using HK7201V200
- The highest pixel can reach 200W, and the highest resolution can reach (1920x1080)
- Default is H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- with a built-in amplifier chip, it can be connected to speaker directly
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX4201SW9-1080M5-MF-B	
operating system	Embedded LINUX
main processor	GK7201V200
image sensor	1/3"CMOS sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1280Kbps
Image	
Maximum image size	200W(1920x1080)
definition	First stream: 200W (1920x1080)
	Second stream: 640x352
Video frame rate	200W 20fps(50HZ), 20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage(Alarm recording duration of 15 seconds), support alarm upload to cloud (requires to purchase cloud storage package)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP,IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH Input, support MIC input
Audio output	1CH Output, used with an 8-ohm speaker
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n Wireless network interface
General specifications	
Size	38x54x9mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.5W

HX6101SW2-4M16-MF-B 4MP Integrated Camera Module

Appearance



Brief introduction

The 4MP integrated camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.264 and H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support remote monitoring with mobile phones.

Main characteristics

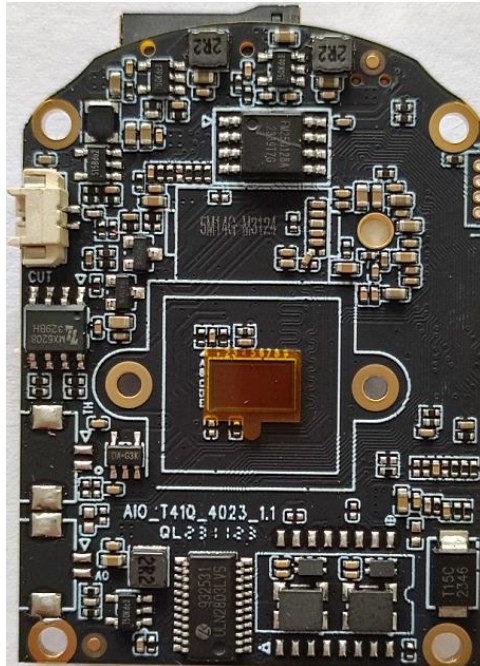
- High sensitivity, high S/N CMOS image sensor
- Using Hi3516CV610
- The highest pixel can reach 400W, and the highest resolution can reach 4MP(2560x1440)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support humanoid recognition and vehicle recognition
- Support alarm recording to TF card
- Support uploading alarm recordings to cloud (requires purchasing a cloud storage package)
- Support both static IP and dynamic IP (DHCP)
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX6101SW2-4M16-MF-B	
operating system	Embedded LINUX
main processor	Hi3516CV610
image sensor	1/3"CMOS sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1280Kbps
Image	
Maximum image size	400W(2560x1440)
definition	First stream: 400W (2560x1440)
	Second stream: 640x360
Video frame rate	400W 20fps(50HZ), 20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage, support uploading alarm recording to cloud (requires to purchase a cloud storage package)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
AI recognition	Support humanoid recognition and vehicle recognition
Alarm linkage	Support alarm pictures and alarm videos to TF Card; Send alarm images via email, upload alarm recording to cloud (requires to purchase a cloud storage package)
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH Input, support MIC input
Audio output	1CH Output, connect to the speaker directly
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n dual band wireless network interface
General specifications	
Size	38x11.5x56mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.6W

HX9101SW2-5M14G-MF-B 5MP HD Camera Module

Appearance



Brief introduction

The 5MP low lux HD integrated camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

- High sensitivity, high S/N CMOS image sensor
- Using T41NQ
- The highest pixel can reach 500W, and the highest resolution can reach (2880x1620)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support P2P Plug and Play
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Supports humanoid recognition, vehicle recognition, and pet recognition
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

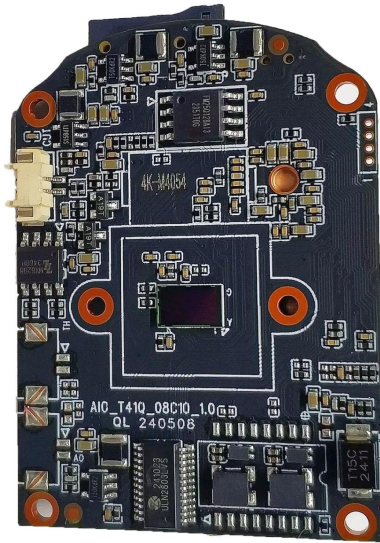
- Support uploading alarm recordings to cloud (requires purchasing a cloud storage package)

Parameter

HX9101SW2-5M14G-MF-B	
operating system	Embedded LINUX
main processor	T41NQ
image sensor	1/2.7"CMOS Sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile ,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 960Kbps
Image	
Maximum image size	500W(2880x1620)
definition	First stream: 500W(2880x1620), 400W (2560x1440)
	Second stream: 800x600, 640x480, 800x480, 640x352
Video frame rate	12.5fps(50HZ), 15fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card, support timed recording and alarm recording storage (alarm recording duration of 15 seconds); Support uploading alarm recording to cloud server (requires purchasing cloud storage package)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server; Alarm pictures and videos to TF card
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH Input, support MIC input
Audio output	1CH Output, support connecting headphones or amplifiers
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n wireless network interface
General specifications	
Size	38x54x10 (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.5W

HX9101SW4-4KV-MF-4 4K 8MP Integrated Camera Module

Appearance



Brief introduction

The 4K low lux HD 38 camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

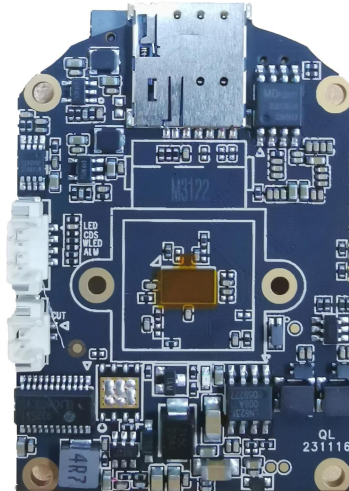
- High sensitivity, high S/N CMOS image sensor
- Using T41NQ
- The highest pixel can reach 800W, and the highest resolution can reach 4K(3840x2160)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Supports humanoid recognition, vehicle recognition, and pet recognition
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX9101SW4-4KV-MF-4	
operating system	Embedded LINUX
main processor	T41NQ
image sensor	1/2.8"08C10 CMOS sensor
Lens	M12,4mm HD lens
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265 Main Profile
Audio compression algorithm	G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1024Kbps
Image	
Maximum image size	4K(3840x2160)
definition	First stream: 4K(3840x2160),4M(2560x1440),2M(1920x1080)
	Second stream: 720P(1280x720),Q720P(640x352)
Video frame rate	10fps(50HZ), 10fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support cloud storage and TF card storage, Max 128GB Micro SD card storage, support timed recording and alarm recording storage
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
AI recognition	Support humanoid recognition, vehicle recognition, and pet recognition
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH Input
Audio output	1CH Output
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n dual band wireless network
General specifications	
Temperature and humidity	0℃~+50℃ 10%~95%RH
Power Supply	DC12V 2A
Power consumption	3W

HX4201S-1080M7-CAT1H-MF-B 2MP HD Integrated camera module

Appearance



Brief introduction

The 2MP Low lux HD integrated camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.264 and H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

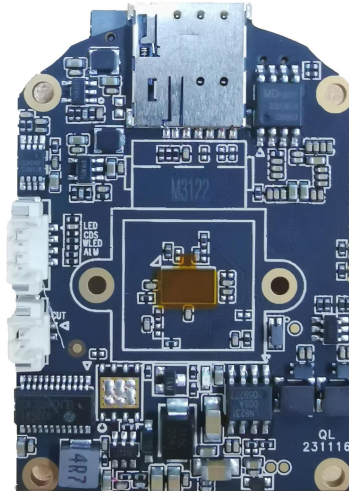
- High sensitivity, high S/N CMOS image sensor
- Using HK7201V200
- The highest pixel can reach 200W, and the highest resolution can reach (1920x1080)
- Default is H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- with a built-in amplifier chip, it can be connected to speaker directly
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX4201S-1080M7-CAT1H-MF-B	
operating system	Embedded LINUX
main processor	GK7201V200
image sensor	1/3"CMOS sensor
IRCUT	support
4G module	CAT1 4G module as default (Fibocom LE270/370)
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1280Kbps
Image	
Maximum image size	200W(1920x1080)
definition	First stream: 200W (1920x1080)
	Second stream: 640x352
Video frame rate	200W 20fps(50HZ), 20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage(Alarm recording duration of 15 seconds)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH Input, support MIC input
Audio output	1CH Output, used with an 8-ohm 2-watt speaker
Network interface	10Base-T/100Base-TX Ethernet interface
	4G (Supports SIM cards from China Mobile/ China Unicom/China Telecom)
General specifications	
Size	38x54x9mm (length, width and height)
Temperature and humidity	0℃~+50℃ 10%~95%RH
Power Supply	DC12V 2A
Power consumption	1.5W

HX4201S-1080M7-CAT1EG-MF-B 2MP HD Integrated Camera Module

Appearance



Brief introduction

The 2MP Low lux HD integrated camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.264 and H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

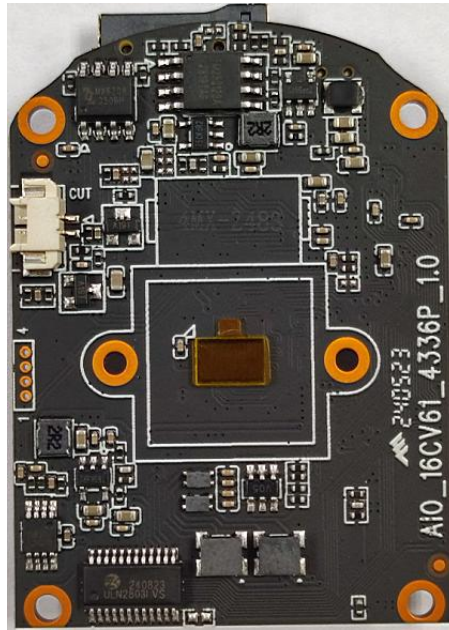
- High sensitivity, high S/N CMOS image sensor
- Using GK7201V200
- The highest pixel can reach 200W, and the highest resolution can reach (1920x1080)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- with a built-in amplifier chip, it can be connected to speaker directly
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX4201S-1080M7-CAT1EG-MF-B	
operating system	Embedded LINUX
main processor	GK7201V200
image sensor	1/3"CMOS sensor
IRCUT	support
4G module	EU CAT1 4G module as default (Quectel EG800G-EU)
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1280Kbps
Image	
Maximum image size	200W(1920x1080)
definition	First stream: 200W (1920x1080)
	Second stream: 640x352
Video frame rate	200W 20fps(50HZ), 20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage(Alarm recording duration of 15 seconds)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH Input, support MIC input
Audio output	1CH Output, used with an 8-ohm 2-watt speaker
Network interface	10Base-T/100Base-TX Ethernet interface
	4G
General specifications	
Size	38x54x9mm (length, width and height)
Temperature and humidity	0℃~+50℃ 10%~95%RH
Power Supply	DC12V 2A
Power consumption	1.5W

HX6101S-4M9-CAT1EG-MF-B 4MP HD Integrated Camera Module

Appearance



Brief introduction

The 4MP integrated camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.264 and H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support remote monitoring with mobile phones.

Main characteristics

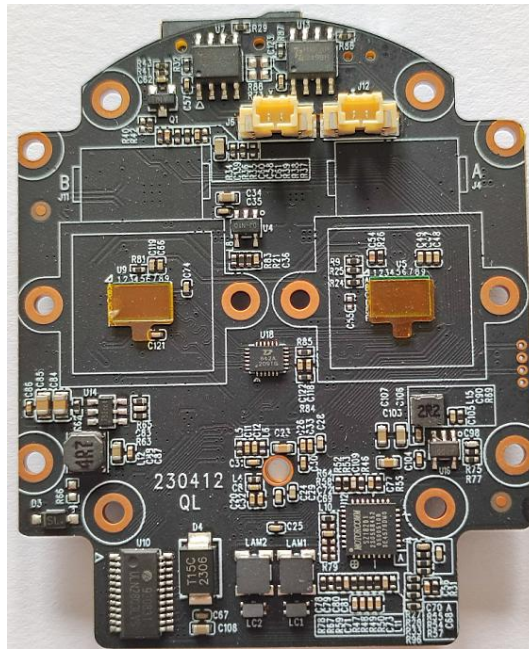
- High sensitivity, high S/N CMOS image sensor
- Using Hi3516CV610
- The highest pixel can reach 400W, and the highest resolution can reach 4MP(2560x1440)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support humanoid recognition and vehicle recognition
- Support alarm recording to TF card
- Supports both static IP and dynamic IP (DHCP)
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX6101S-4M9-CAT1EG-MF-B	
operating system	Embedded LINUX
main processor	Hi3516CV610
image sensor	1/3"CMOS sensor
IRCU T	support
4G module	EU CAT1 4G module as default（Quectel EG800G-EU）
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile,H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 1280Kbps
Image	
Maximum image size	400W(2560x1440)
definition	First stream: 400W（2560x1440）
	Second stream: 640x360
Video frame rate	400W 20fps(50HZ), 20fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
AI recognition	Support humanoid recognition and vehicle recognition
Alarm linkage	Support alarm pictures and alarm videos to TF Card; Send alarm images via email
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH Input, support MIC input
Audio output	1CH Output, connect to the speaker directly
Network interface	10Base-T/100Base-TX Ethernet interface
	4G
General specifications	
Size	38x11.5x56mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.6W

HX7001SW2-4MX2B-MF 4MP Dual HD Camera Module

Appearance



Brief introduction

The 4MP Dual HD camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support standard ONVIF protocol, RTSP, support uploading alarm images to FTP server, sending alarm images to E-Mail, and remote monitoring with mobile phones.

Main characteristics

- High sensitivity, high S/N CMOS image sensor
- Using Ingenic T31X
- The highest pixel can reach 400W, and the highest resolution can reach (2560x1440)
- Support dual sensors, can be switched among two sensors by APP
- Support auto switching among the two sensors based on the distance between the person and the camera after enabling the mobile tracking function
- Sensor A uses 8mm lens, Sensor B uses 4mm lens
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP and so on.
- Support ONVIF protocol
- Support manufacturer DDNS and third-party DDNS
- Support sending alarm images via email
- Support uploading alarm pictures and alarm videos to FTP server
- Support timed capture of images to FTP server
- Support both static IP and dynamic IP (DHCP)
- Support IE, Google, and Firefox browsers
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card

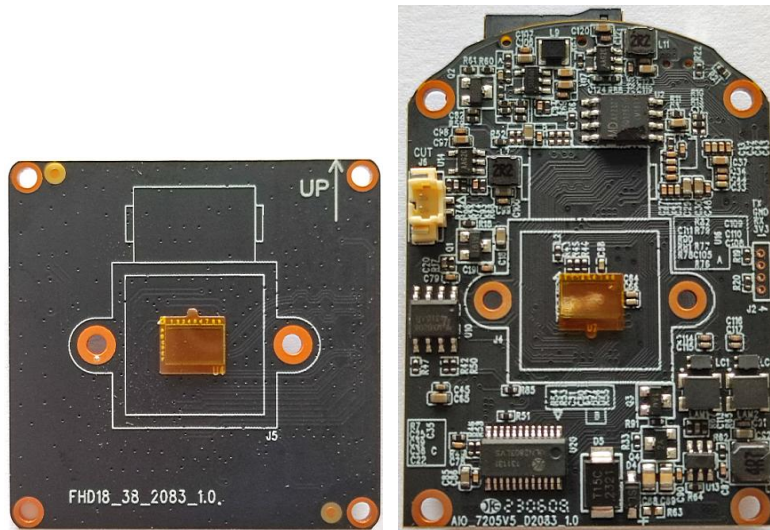
- Support mobile phone downloading and playback SD card recordings

Parameter

HX7001SW2-4MX2B-MF	
operating system	Embedded LINUX
main processor	Ingenic T31X
image sensor	Two 1/3"CMOS sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile, H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 800Kbps
Image	
Maximum image size	400W(2560x1440)
definition	First stream: 400W (2560x1440)
	Second stream: 800x448, 640x352
Video frame rate	12.5fps(50HZ), 12.5fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, up and down reversal, left and right mirror adjustable
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage(Alarm recording duration of 15 seconds)
Motion detection	4 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	Send alarm pictures to the designated mailbox; Upload alarm pictures and alarm recordings to the FTP server
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, SMTP, FTP, DHCP, DNS, DDNS, NTP, UPNP, RTSP
Access Protocol	Support ONVIF 2.4 protocol
Interface	
Audio input	1CH Input
Audio output	1CH Output
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n wireless network interface
General specifications	
Size	60x50x11mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.6W

HX4201SW9-1080Y2CA-MF-B 2MP Dual Camera Module

Appearance



Brief introduction

The 2MP Dual camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support remote monitoring with mobile phones.

Main characteristics

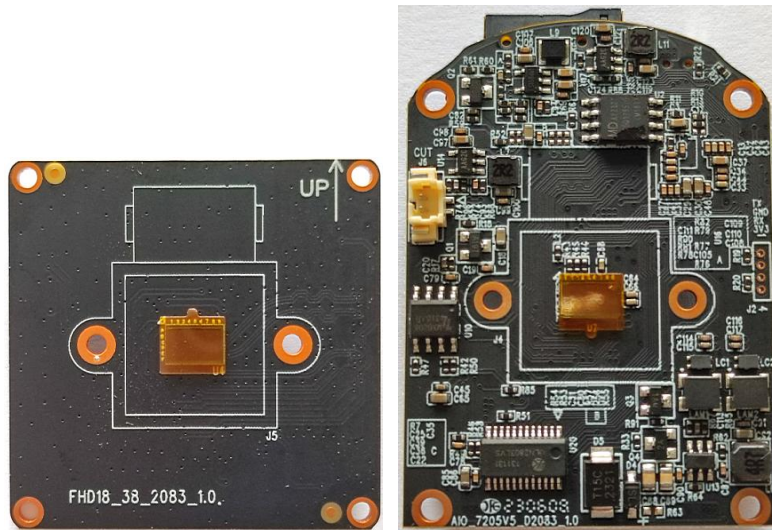
- High sensitivity, high S/N CMOS image sensor
- Using GK7201V200
- The highest pixel can reach 200W, and the highest resolution can reach 1080P (1920x1080)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, DHCP, DNS, DDNS, NTP, RTSP, etc.
- Support alarm recordings to TF card
- Support uploading alarm recordings to cloud (requires to purchase a cloud storage package)
- Support both static IP and dynamic IP (DHCP)
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX4201SW9-1080Y2CA-MF-B	
operating system	Embedded LINUX
main processor	GK7201V200
image sensor	Two 1/3"CMOS sensor
IRCUT	support
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile, H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 700Kbps
Image	
Maximum image size	1080P(1920x1080)
definition	First stream: 2CH 1080P(1920x1080)
	Second stream: 2CH 640x360
Video frame rate	1080P 15fps(50HZ), 15fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage, support uploading alarm recordings to cloud (requires to purchase a cloud storage package)
Motion detection	1 independent detection areas can be set (sensitivity 1-100 can be set)
Alarm linkage	support alarm recording to TF card and uploading to cloud (requires to purchase a cloud storage package)
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, DHCP, DNS, DDNS, NTP, RTSP, etc.
Interface	
Audio input	1CH Input, support MIC input
Audio output	1CH Output, connect to speakers directly
Network interface	10Base-T/100Base-TX Ethernet interface
	WiFi 802.11b/g/n wireless network interface
General specifications	
Size	38x38x5.6 mm and 38x11.5x56 mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.6W

HX4201S-1080Y2CA-CAT1EG-MF-B 2MP 4G Dual Camera Module

Appearance



Brief introduction

The 2MP Dual camera module adopts a highly integrated SOC processor, with extremely low power consumption and super stability; Support H.265 compression algorithm, effectively reduce network bandwidth usage while ensuring image quality; Powerful network capabilities, support remote monitoring with mobile phones.

Main characteristics

- High sensitivity, high S/N CMOS image sensor
- Using GK7201V200
- The highest pixel can reach 200W, and the highest resolution can reach 1080P(1920x1080)
- H265 compression algorithm, effectively reduces network bandwidth, support dual stream, and support mobile phone monitoring
- Support multiple network protocols: TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, DHCP, DNS, DDNS, NTP and so on.
- Support alarm recordings to TF card
- Support both static IP and dynamic IP (DHCP)
- Support up to 6 users browsing simultaneously (3 users per stream)
- Provide motion detection alarm function (area, sensitivity can be set)
- Support Micro SD card, max 128GB Micro SD card
- Support mobile phone downloading and playback SD card recordings

Parameter

HX4201S-1080Y2CA-CAT1EG-MF-B	
operating system	Embedded LINUX
main processor	GK7201V200
image sensor	Two 1/3"CMOS sensor
IRCUT	support
4G module	EU CAT1 4G module as default(Quectel EG800G-EU)
Compression standard	
Video compression algorithm	Support H.265, H.264 High Profile, H.264 Main Profile and H.264 Baseline
Audio compression algorithm	G.726/G.711
Compressed transmission stream	32Kbps-6144bps, can self-defining, default 700Kbps
Image	
Maximum image size	1080P(1920x1080)
definition	First stream: 2CH 1080P(1920x1080)
	Second stream: 2CH 640x360
Video frame rate	1080P 15fps(50HZ), 15fps(60HZ)
Character overlay	Support OSD name, time and date information overlay
Image Settings	Brightness, contrast, saturation, exposure
Network function	
Storage function	Support Max 128GB Micro SD card storage, support timed recording and alarm recording storage
Motion detection	1 independent detection area can be set (sensitivity 1-100 can be set)
Alarm linkage	Support alarm recordings to TF card
Network Protocol	Support TCP/IP, HTTP, TCP, ICMP, UDP, ARP, IGMP, DHCP, DNS, DDNS, NTP, etc.
Interface	
Audio input	1CH Input, support MIC input
Audio output	1CH Output, connect to speaker directly
Network interface	4G interface
General specifications	
Size	38x38x5.6 mm and 38x11.5x56 mm (length, width and height)
Temperature and humidity	0℃～+50℃ 10%～95%RH
Power Supply	DC12V 2A
Power consumption	1.6W