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ATN200B-N

2.0 Megapixel Box IP Camera 1080P Resolution

Features

2MP, 1/2.8" Sony ExmorCMOS sensor
H.264 video compression and JPEG image capture
Maximum resolution of 1080P @ 30fps
Dual encoding streams supported
Support ICR true Day/Night
Support C/CS Auto Iris Lens
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS

Specification

Camera	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	2 M
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens interface type	C/CS
Interface	
Video interface	1Vp-p Composite Output (75 Ω/BNC)
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif
Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile

Encode Mode	
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local storage	Support MicroSD card, max 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time ，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W
Dimension	145mm×71mm×58mm
Weight	0.6 Kg

ATN130B-N

1.3 Megapixel Box IP Camera
960P Resolution

Features

1.3 Megapixel 1/3" NIR CMOS Image sensor
H.264 video compression and JPEG image capture
Maximum resolution of 960P @ 30fps
Dual encoding streams supported
Support ICR true Day/Night
Support C/CS Auto Iris Lens
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS

Specification

Camera	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	1.3 M
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens interface type	C/CS
Interface	
Video interface	1Vp-p Composite Output (75 Ω/BNC)
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif
Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile

Encode Mode	
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local storage	Support MicroSD card, max 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time ，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W
Dimension	145mm×71mm×58mm
Weight	0.6 Kg

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ATN200T-V3-IR30

2.0 Megapixel IR Bullet IP Camera 1080P Resolution

Features

2MP, 1/2.8" Sony ExmorCMOS sensor
H.264 video compression and JPEG image capture
Maximum resolution of 1080P @ 30fps
Dual encoding streams supported
2.8-12mm HD Manual Zoom lens, ICR dual filter switch
30-50m IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS
IP66 waterproof; POE power input

Specification

Camera	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	2M
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Aperture	DC drive
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	2.8-12mm Manual Zoom lens
Lens interface type	M12
IR LEDs	
IR distance	30-50M
IR Lens	2pcs 3rd generation IR array LEDs
Interface	
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local-storage	Support USB extend，upto 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Ingress Protection	IP66
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	220mm×93mm×85mm
Weight	0.8 Kg

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ATN200T-V7-IR50

2.0 Megapixel IR Bullet IP Camera 1080P Resolution

Features

2MP, 1/2.8" Sony ExmorCMOS sensor
H.264 video compression and JPEG image capture
Maximum resolution of 1080P @ 30fps
Dual encoding streams supported
7-22mm HD Manual Zoom lens, ICR dual filter switch
50-80m IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS
IP66 waterproof; POE power input

Specification

Camera	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	2M
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Aperture	DC drive
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	7-22mm Manual Zoom lens
Lens interface type	M12
IR LEDs	
IR distance	50-80M
IR Lens	2pcs 3rd generation IR array LEDs
Interface	
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local-storage	Support USB extend，upto 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Ingress Protection	IP66
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	220mm×93mm×85mm
Weight	0.8 Kg

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ATN200T-F6-IR30

2.0 Megapixel IR Bullet IP Camera 1080P Resolution

Features

2MP, 1/2.8" Sony ExmorCMOS sensor
H.264 video compression and JPEG image capture
Maximum resolution of 1080P @ 30fps
Dual encoding streams supported
4mm/6mm/12mm HD fixed focus lens optional, ICR dual filter switch
30-50 meters effective IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS
IP66 waterproof

Specification

Camera	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	2M
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	4mm fixed focus lens/6mm fixed focus lens/12mm fixed focus lens
Lens interface type	M12
IR LEDs	
IR distance	30-50M
IR Lens	2pcs 3rd generation IR array LEDs
Interface	
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time ，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Ingress Protection	IP66
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	185mm×92mm×85mm
Weight	0.8 Kg

ATN201T-VA-IR120

2.0 Megapixel IR Bullet IP Camera
1080P Resolution

Features

2MP, 1/2.8" Sony ExmorCMOS sensor
H.264 video compression and JPEG image capture
Maximum resolution of 1080P @ 30fps
Dual encoding streams supported
7-50mm 3Megapixel Manual Zoom lens, ICR dual filter switch
120m IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS
IP68 waterproof

Specification

Camera	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	2M
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Aperture	DC drive
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	7-50mm Manual Zoom lens
Lens interface type	CS Mount
IR LEDs	
IR distance	120M
IR Lens	12pcs High power IR LEDs
Interface	
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local-storage	Support USB extend，upto 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Ingress Protection	IP68
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	AC 90-240V (+/- 10%) OR AC 24V(+/- 10%)
Power Consumption	60 W Max
Dimension	425mm×160mm×165mm
Weight	6.0 Kg

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ATN130T-V3-IR30

1.3 Megapixel IR Bullet IP Camera 960P Resolution

Features

1.3 Megapixel 1/3" NIR CMOS Image sensor
H.264 video compression and JPEG image capture
Maximum resolution of 960P @ 30fps
Dual encoding streams supported
2.8-12mm HD Manual Zoom lens, ICR dual filter switch
30-50m IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS
IP66 waterproof

Specification

Camera	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	1.3M
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Aperture	DC drive
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment

Lens	
Lens Mount	2.8-12mm Manual Zoom lens
Lens interface type	M12

IR LEDs	
IR distance	30-50M
IR Lens	2pcs 3rd generation IR array LEDs

Interface	
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps

Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local-storage	Support USB extend，upto 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm

General	
Ingress Protection	IP66
Operating Environment	-30℃~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	220mm×93mm×85mm
Weight	0.5 Kg

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ATN130T-V7-IR50

1.3 Megapixel IR Bullet IP Camera 960P Resolution

Features

1.3 Megapixel 1/3" NIR CMOS Image sensor
H.264 video compression and JPEG image capture
Maximum resolution of 960P @ 30fps
Dual encoding streams supported
7-22mm HD Manual Zoom lens, ICR dual filter switch
50-80m IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS
IP66 waterproof

Specification

Camera	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	1.3M
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Aperture	DC drive
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment

Lens	
Lens Mount	7-22mm Manual Zoom lens
Lens interface type	M12

IR LEDs	
IR distance	50-80M
IR Lens	2pcs 3rd generation IR array LEDs

Interface	
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps

Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local-storage	Support USB extend，upto 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm

General	
Ingress Protection	IP66
Operating Environment	-30℃~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	220mm×93mm×85mm
Weight	0.5 Kg

ATN130T-F6-IR30

1.3 Megapixel IR Bullet IP Camera 960P Resolution

Features

- 1.3 Megapixel 1/3" NIR CMOS Image sensor
- H.264 video compression and JPEG image capture
- Maximum resolution of 960P @ 30fps
- Dual encoding streams supported
- 4mm/6mm/12mm HD fixed focus lens optional, ICR dual filter switch
- 30-50 meters effective IR distance
- Support IOS/Android/Windows Mobile view and control
- Built-in Web server, NVR, CMS
- IP66 waterproof

Specification

Camera	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	1.3 M
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	4mm fixed focus lens/6mm fixed focus lens/12mm fixed focus lens
Lens interface type	M12
IR LEDs	
IR distance	30-50M
IR Lens	2pcs 3rd generation IR array LEDs
Interface	
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time ，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Ingress Protection	IP66
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	185mm×92mm×85mm
Weight	0.5 Kg

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ATN131T-VA-IR120

1.3 Megapixel IR Bullet IP Camera 960P Resolution

Features

1.3 Megapixel 1/3" NIR CMOS Image sensor
H.264 video compression and JPEG image capture
Maximum resolution of 960P @ 30fps
Dual encoding streams supported
7-50mm 3Megapixel Manual Zoom lens, ICR dual filter switch
120m IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS
IP68 waterproof

Specification

Camera	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	1.3M
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Aperture	DC drive
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	7-50mm Manual Zoom lens
Lens interface type	CS Mount
IR LEDs	
IR distance	120M
IR Lens	12pcs high power IR LEDs
Interface	
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local-storage	Support USB extend，upto 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Ingress Protection	IP68
Operating Environment	-30℃~ 60℃, 0 ~ 95% RHG
Power Supply	AC 90-240V (+/- 10%) OR AC 24V(+/- 10%)
Power Consumption	60 W Max
Dimension	425mm×160mm×165mm
Weight	6.0 Kg

ATN200D-V2-IR30

2.0 Megapixel IR Dome IP Camera 1080P Resolution

Features

2MP, 1/2.8" Sony ExmorCMOS sensor
H.264 video compression and JPEG image capture
Maximum resolution of 1080P @ 30fps
Dual encoding streams supported
2.8mm-10mm HD varifocal lens, ICR dual filter switch
30-50 meters effective IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS
POE power input

Specification

Camera	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	2 M
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Aperture	DC drive
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	2.8-10mm Manual zoom lens
Lens interface type	M12
IR LEDs	
IR distance	30-50M
IR Lens	31pcs φ 5 IR array LEDs
Interface	
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local storage	Support MicroSD card, max 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time ，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%/POE
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	152mm×152mm×128mm
Weight	1Kg

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ATN200D-F2-IR20

2.0 Megapixel IR Dome IP Camera 1080P Resolution

Features

2MP, 1/2.8" Sony ExmorCMOS sensor
H.264 video compression and JPEG image capture
Maximum resolution of 1080P @ 30fps
Dual encoding streams supported
2.8mm/4mm/6mm HD fixed focus lens optional, ICR dual filter switch
20-30 meters effective IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS

Specification

Camera	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	2 M
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	2.8mm fixed focus lens/4mm fixed focus lens/6mm fixed focus lens
Lens interface type	M12
IR LEDs	
IR distance	20-30M
IR Lens	1pcs 3rd generation IR array LEDs
Interface	
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time ，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	137mm×137mm×100mm
Weight	0.5Kg

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ATN130D-V2-IR30

1.3 Megapixel IR Dome IP Camera 960P Resolution

Features

1.3 Megapixel 1/3" NIR CMOS Image sensor
H.264 video compression and JPEG image capture
Maximum resolution of 960P @ 30fps
Dual encoding streams supported
2.8mm-10mm HD varifocal lens, ICR dual filter switch
30-50 meters effective IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS

Specification

Camera	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	1.3 M
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Aperture	DC drive
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	2.8-10mm Manual zoom lens
Lens interface type	M12
IR LEDs	
IR distance	30-50M
IR Lens	31pcs φ 5 IR array LEDs
Interface	
Audio interface	1 channel input; 1 channel output
Alarm interface	1 channel input
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Local storage	Support USB expand, storage card support max 32G
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time ，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Operating Environment	-10℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	152mm×152mm×128mm
Weight	1Kg

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ATN130D-F2-IR20

1.3 Megapixel IR Dome IP Camera 960P Resolution

Features

1.3 Megapixel 1/3" NIR CMOS Image sensor
H.264 video compression and JPEG image capture
Maximum resolution of 960P @ 30fps
Dual encoding streams supported
2.8mm/4mm/6mm HD fixed focus lens optional, ICR dual filter switch
20-30 meters effective IR distance
Support IOS/Android/Windows Mobile view and control
Built-in Web server, NVR, CMS

Specification

Camera	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor
core processor	ARM9 Architecture processor
operating system	Embedded LINUX
Effective Pixels	1.3 M
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S
WDR	100db
Electronic Shutter	1/25S ~ 1/10000S
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR
Day/Night	ICR
Videoparameters	Contrast, brightness, saturation can be adjusted independently
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment
Lens	
Lens Mount	2.8mm fixed focus lens/4mm fixed focus lens/6mm fixed focus lens
Lens interface type	M12
IR LEDs	
IR distance	20-30M
IR Lens	1pcs 3rd generation IR array LEDs
Interface	
Network Port	10/100MEthernet interface RJ45
Protocol	Onvif

Encode Mode	
Video Compression	H.264/MJPEG
Audio Compression	G.711/G.726/ADPCM
Encode type	BaseLine Profile/ Main Profile
Video Compression code rate	32K~8Mbps
Audio Compression code rate	8K~48Kbps
Others	
IE browser	Web server
Mobile	Support IOS/Android/WindowsMobile
Client	≤ 8
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time ，support max 128 charactors
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, Port alarm
General	
Operating Environment	-30℃ ~ 60℃, 0 ~ 95% RHG
Power Supply	DC 12V±10%
Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
Dimension	137mm×137mm×100mm
Weight	0.5Kg

ATN200P-20S-IR

2.0 Megapixel IR PTZ IP Camera 1080P Resolution

Features

SONY 3.27 Megapixel, Exmor COMS HD camera module
Max 1080P resolution, support 20X optical zoom and 12X digital zoom
Manual horizontal control speed, 0.05-400°/s, preset accuracy0.05°
360°continuous pan rotation, -12°~90°tilt rotation
Built-in Osram efficient IR array LEDs, IR distance up to 150-180M
Support auto-tracking function, support alarm trigger tracking model.
Support IOS/Android/Windows Mobile view and control
Support MicroSD Card for local storage
IP66

Specification

Camera module	
Sensor	3.27MP 1/2.8" SONY Exmor CMOS
Pixel	3.27 Megapixel
Image resolution	Main code stream ： 1080P (1920×1080) Second code stream ： D1 (704×576)
Frame rate	1080P@25 F/S,1080P@30 F/S
WDR	ON/OFF/Auto
Electronic shutter	1/1-1/10,000S
White balance	Auto/ATW/Indoor/ sodium lamp/Outdoor/ Outdoor Auto/ Manual/ONE PUSH
Exposure model	Auto/Manual/shutter priority/aperture priority/ slow exposure/exposure compensation
3D noise reduction	Support
Mini. Illumination	High light model: 0.5lx (F1.6 , 50IRE , ICR off) 0.095lx (F1.6 , 50IRE , ICR ON) Normal model:1.7lx (F1.6 , 50IRE , ICR off) 0.3lx (F1.6 , 50IRE , ICR ON)
Day/Night	Auto(ICR)
Video parameter	set image brightness/contrast/saturation by IE
Camera parameter	Manual adjustment by OSD menau
Lens	
Focal length	20X (f=4.7-94mm)
Horizontal Field	55.4° (w) ~2.9° (t)
IR Function	
IR distance	150-180M
IR Lens	14pcs Osram IR array LEDs
Interface	
Network interface	10M/100M, RJ45 interface
MicroSD Card	MicroSD (TF) Card (Max 32G) ，support manual recording/alarm recording
Audio interface	1-channel audio input & 1-channel audio output
Alarm interface	8-channel alarm input & 2-channel alarm output

Interface	
Analog video	1.0V[p-p]/75 Ω , PAL or NTSC , BNC
API	Onvif2.0
Encode model	
Core processor	Cortex-A9 SoC processor
Operating system	Embedded Linux
Video compression	H.264/M-JPEG
Audio compression	G.711/G.726/ADPCM
Audio sample rate	64bit/sample
Encode type	BaseLine Profile/Main Profile/High Profile optional
Video compression code rate	32K ~ 16M Bps
Audio compression code rate	8K ~ 48K Bps
Transmission model	Dual stream
PTZ	
Manual speed	0.05° ~ 400°/s (stepless speed)
Max preset speed	400°/s
Preset accurity	± 0.05°
Horizontal rotation range	360°continuous rotation
Vertical rotation range	-12°~90°auto flip
preset	255
Auto scan	8
Auto cruise	8
Pattern tour	8 , each one with 180s memory or 300 orders
OSD menu	Support various languages, various functions & parameter adjustment.
3D Positioning	Support
Power off memory function	Support

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ATN200P-20S-IR

2.0 Megapixel IR PTZ IP Camera 1080P Resolution

Specification

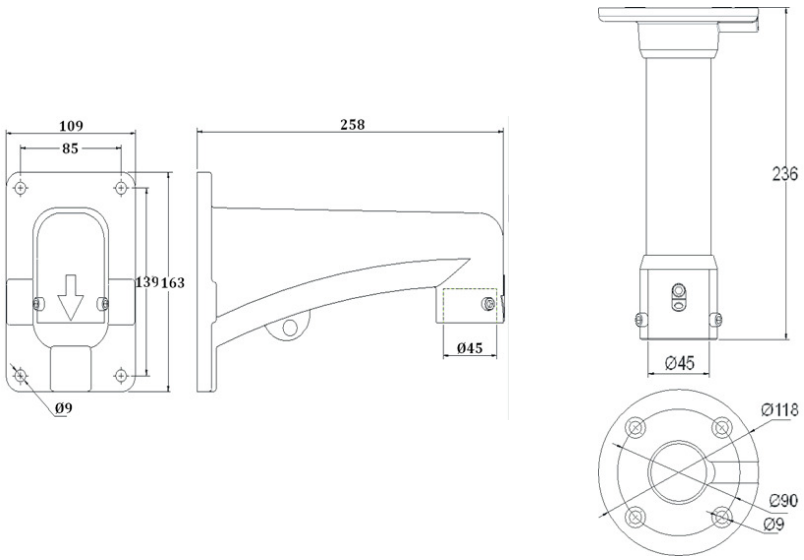
PTZ	
Guard function	Link preset/scan/cruise/pattern
Time task	Preset/scan/cruise/pattern/auto-tracking
Motor	Hybrid high-accuracy stepless motor
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate
Protocol	PELCO-P、PELCO-D
Heater	Auto
Wiper	Optional, it can be controled remoted
Auto demist	Support

Others	
Intelligent analysis	Tripwire detection, Object lost&left behind detection
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model
IE browser	Support
Mobile	Support iOS/Android/WindowsMobile
Client	≤ 8

Others	
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time and PTZ angle
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking

General	
Protection level	IP66、TVS 4000V lightning protection
Working temperature	-40℃～ 60℃
Working humidity	0 ～ 95% (No condensation)
Power supply	AC24V 3A/DC24V 5A self-adaption
Power consumptionm	60W MAX

Accessory Dimensions



ATN200P-30L-IR

2.0 Megapixel IR PTZ IP Camera 1080P Resolution

Features

SONY 3.27 Megapixel, Exmor COMS HD camera module
Max 1080P resolution, support 30X optical zoom and 12X digital zoom
Manual horizontal control speed, 0.05-400°/s, preset accuracy0.05°
360°continuous pan rotation, -12°~90°tilt rotation
Built-in Osram efficient IR array LEDs, IR distance up to 150-180M
Support auto-tracking function, support alarm trigger tracking model.
Support IOS/Android/Windows Mobile view and control
Support MicroSD Card for local storage
IP66

Specification

Camera module	
Sensor	3.27MP 1/2.8" SONY Exmor CMOS
Pixel	3.27Megapixel
Image resolution	Main code stream ： 1080P (1920×1080)
	Second code stream ： D1 (704×576)
Frame rate	1080P@25 F/S,1080P@30 F/S
WDR	ON/OFF/Auto
Electronic shutter	1/30-1/10,000S
White balance	Auto/ATW/Manual/ONE PUSH
Exposure model	Auto/Manual
3D noise reduction	Support
Anti-fog	Support
Image anti-shake	Support
Mini. Illumination	Color: 1 Lux (AGC 30, Sens-up off, F1.6)
	0.02Lux (AGC 30, Sens-up x64, F1.6)
	Black&White: 0.1 Lux (AGC 30, Sens-up off, F1.6)
	0.00001Lux (AGC 30, Sens-up x64, F1.6)
Day/Night	Auto(ICR)
Video parameter	set image brightness/contrast/saturation by IE
Camera parameter	Manual adjustment by OSD menau
Lens	
Focal length	30X (f=4.3-129mm)
Horizontal Field	58.9° (w) ~2.11° (t)
IR Function	
IR distance	150-180M
IR Lens	14pcs Osram IR array LEDs
Interface	
Network interface	10M/100M, RJ45 interface
MicroSD Card	MicroSD (TF) Card (Max 32G) ，support manual recording/alarm recording
Audio interface	1-channel audio input & 1-channel audio output
Alarm interface	8-channel alarm input & 2-channel alarm output

Interface	
Analog video	1.0V[p-p]/75 Ω ，PAL or NTSC ，BNC
API	Onvif2.0
Encode model	
Core processor	Cortex-A9 SoC processor
Operating system	Embedded Linux
Video compression	H.264/M-JPEG
Audio compression	G.711/G.726/ADPCM
Audio sample rate	64bit/sample
Encode type	BaseLine Profile/Main Profile/High Profile optional
Video compression code rate	32K ~ 16M Bps
Audio compression code rate	8K ~ 48K Bps
Transmission model	Dual stream
PTZ	
Manual speed	0.05° ~ 400°/s (stepless speed)
Max preset speed	400°/s
Preset accurity	± 0.05°
Horizontal rotation range	360°continuous rotation
Vertical rotation range	-12°~90°auto flip
preset	255
Auto scan	8
Auto cruise	8
Pattern tour	8 ，each one with 180s memory or 300 orders
OSD menu	Support various languages, various functions & parameter adjustment.
3D Positioning	Support
Power off memory function	Support

ATN200P-30L-IR

2.0 Megapixel IR PTZ IP Camera 1080P Resolution

Specification

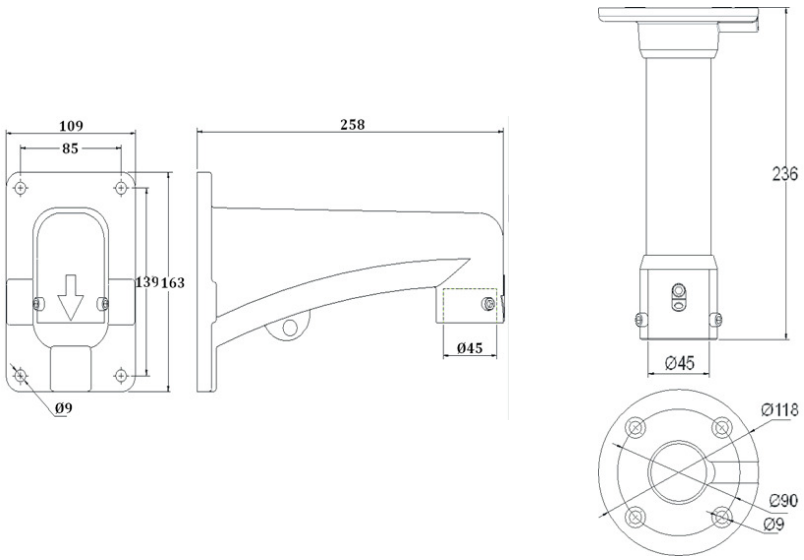
PTZ	
Guard function	Link preset/scan/cruise/pattern
Time task	Preset/scan/cruise/pattern/auto-tracking
Motor	Hybrid high-accuracy stepless motor
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate
Protocol	PELCO-P、PELCO-D
Heater	Auto
Wiper	Optional, it can be controled remoted
Auto demist	Support

Others	
Intelligent analysis	Tripwire detection, Object lost&left behind detection
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model
IE browser	Support
Mobile	Support iOS/Android/WindowsMobile
Client	≤ 8

Others	
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time and PTZ angle
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking

General	
Protection level	IP66、TVS 4000V lightning protection
Working temperature	-40℃～ 60℃
Working humidity	0 ～ 95% (No condensation)
Power supply	AC24V 3A/DC24V 5A self-adaption
Power consumptionm	60W MAX

Accessory Dimensions



ATN200P-20S

2.0 Megapixel PTZ IP Camera 1080P Resolution

Features

SONY 3.27 Megapixel, Exmor COMS HD camera module
Max 1080P resolution, support 20X optical zoom and 12X digital zoom
Manual horizontal control speed, 0.05-600°/s, preset accuracy0.05°
360°continuous pan rotation, -15°~195°tilt rotation.
Support auto-tracking function, support alarm trigger tracking model.
Support IOS/Android/Windows Mobile view and control
Support MicroSD Card for local storage
IP66

Specification

Camera module	
Sensor	3.27MP 1/2.8" SONY Exmor CMOS
Pixel	3.27Megapixel
Image resolution	Main code stream ： 1080P (1920×1080) Second code stream ： D1 (704×576)
Frame rate	1080P@25 F/S,1080P@30 F/S
WDR	ON/OFF/Auto
Electronic shutter	1/1-1/10,000S
White balance	Auto/ATW/Indoor/ sodium lamp/Outdoor/ Outdoor Auto/ Manual/ONE PUSH
Exposure model	Auto/Manual/shutter priority/aperture priority/ slow exposure/exposure compensation
3D noise reduction	Support
Mini. Illumination	High light model: 0.5lx (F1.6 , 50IRE , ICR off) 0.095lx (F1.6 , 50IRE , ICR ON) Normal model:1.7lx (F1.6 , 50IRE , ICR off) 0.3lx (F1.6 , 50IRE , ICR ON)
Day/Night	Auto(ICR)
Video parameter	set image brightness/contrast/saturation by IE
Camera parameter	Manual adjustment by OSD menau

Lens	
Focal length	20X (f=4.7-94mm)
Horizontal Field	55.4° (w) ~2.9° (t)

Interface	
Network interface	10M/100M, RJ45 interface
MicroSD Card	MicroSD (TF) Card (Max 32G) ，support manual recording/alarm recording
Audio interface	1-channel audio input & 1-channel audio output
Alarm interface	2-channel alarm input & 2-channel alarm output
Analog video	1.0V[p-p]/75 Ω，PAL or NTSC，BNC
API	Onvif2.0

Encode model	
Core processor	Cortex-A9 SoC processor
Operating system	Embedded Linux
Video compression	H.264/M-JPEG
Audio compression	G.711/G.726/ADPCM
Audio sample rate	64bit/sample
Encode type	BaseLine Profile/Main Profile/High Profile optional
Video compression	32K ~ 16M Bps
Audio compression	8K ~ 48K Bps
Transmission model	Dual stream

PTZ	
Manual speed	0.05° ~ 600°/s (stepless speed)
Max preset speed	600°/s
Preset accurity	± 0.05°
Horizontal rotation	360°continuous rotation
Vertical rotation	-15°~195°auto flip
preset	255
Auto scan	8
Auto cruise	8
Pattern tour	8 ，each one with 180s memory or 300 orders
OSD menu	Support various languages, various functions & parameter adjustment.
3D Positioning	Support
Power off memory	Support

ATN200P-20S

2.0 Megapixel PTZ IP Camera
1080P Resolution

Specification

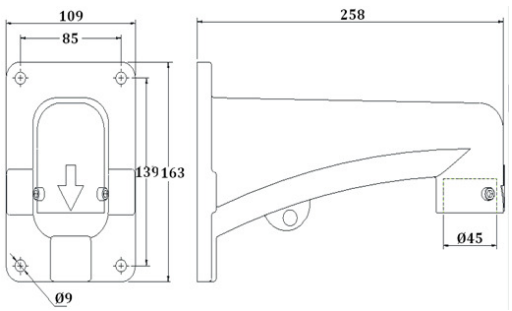
PTZ	
Guard function	Link preset/scan/cruise/pattern
Time task	Preset/scan/cruise/pattern/auto-tracking
Motor	Hybrid high-accuracy stepless motor
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate
Protocol	PELCO-P、PELCO-D
Heater	Auto
Auto demist	Support

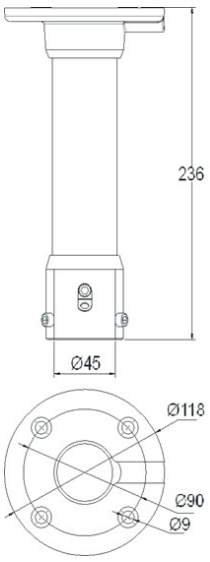
Others	
Intelligent analysis	Tripwire detection, Object lost&left behind detection
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model
IE browser	Support
Mobile	Support iOS/Android/WindowsMobile
Client	≤ 8

Others	
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time and PTZ angle
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking

General	
Protection level	IP66、TVS 4000V lightning protection
Working temperature	-40℃ ~ 60℃
Working humidity	0 ~ 95% (No condensation)
Power supply	AC24V 3A
Power consumptionm	50W MAX

Accessory Dimensions





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ATN200P-30L

2.0 Megapixel PTZ IP Camera
1080P Resolution

Features

SONY 3.27 Megapixel, Exmor COMS HD camera module
Max 1080P resolution, support 30X optical zoom and 12X digital zoom
Manual horizontal control speed, 0.05-600°/s, preset accuracy0.05°
360°continuous pan rotation, -15°~195°tilt rotation.
Support auto-tracking function, support alarm trigger tracking model.
Support IOS/Android/Windows Mobile view and control
Support MicroSD Card for local storage
IP66

Specification

Camera module	
Sensor	3.27MP 1/2.8" SONY Exmor CMOS
Pixel	3.27Megapixel
Image resolution	Main code stream ： 1080P (1920×1080)
	Second code stream ： D1 (704×576)
Frame rate	1080P@25 F/S,1080P@30 F/S
WDR	ON/OFF/Auto
Electronic shutter	1/30-1/10,000S
White balance	Auto/ATW/Manual/ONE PUSH
Exposure model	Auto/Manual
3D noise reduction	Support
Anti-fog	Support
Image anti-shake	Support
Mini. Illumination	High light model: 0.5 Lux (F1.6, 50IRE, ICR OFF)
	0.095Lux (F1.6, 50IRE, ICR ON)
	Normal model: 1.7 Lux (F1.6, 50IRE, ICR OFF)
	0.31Lux (F1.6, 50IRE, ICR ON)
Day/Night	Auto(ICR)
Video parameter	set image brightness/contrast/saturation by IE
Camera parameter	Manual adjustment by OSD menau
Lens	
Focal length	30X (f=4.3-129mm)
Horizontal Field	58.9° (w) ~2.11° (t)
Interface	
Network interface	10M/100M, RJ45 interface
MicroSD Card	MicroSD (TF) Card (Max 32G) ，support manual recording/alarm recording
Audio interface	1-channel audio input & 1-channel audio output
Alarm interface	2-channel alarm input & 2-channel alarm output
Analog video	1.0V[p-p]/75 Ω，PAL or NTSC，BNC

Interface	
API	Onvif2.0
Encode model	
Core processor	Cortex-A9 SoC processor
Operating system	Embedded Linux
Video compression	H.264/M-JPEG
Audio compression	G.711/G.726/ADPCM
Audio sample rate	64bit/sample
Encode type	BaseLine Profile/Main Profile/High Profile optional
Video compression	32K ~ 16M Bps
Audio compression	8K ~ 48K Bps
Transmission model	Dual stream
PTZ	
Manual speed	0.05° ~ 600°/s (stepless speed)
Max preset speed	600°/s
Preset accurity	± 0.05°
Horizontal rotation range	360°continuous rotation
Vertical rotation range	-15°~195°auto flip
preset	255
Auto scan	8
Auto cruise	8
Pattern tour	8 ，each one with 180s memory or 300 orders
OSD menu	Support various languages, various functions &
3D Positioning	Support
Power off memory	Support

ATN200P-30L

2.0 Megapixel PTZ IP Camera
1080P Resolution

Specification

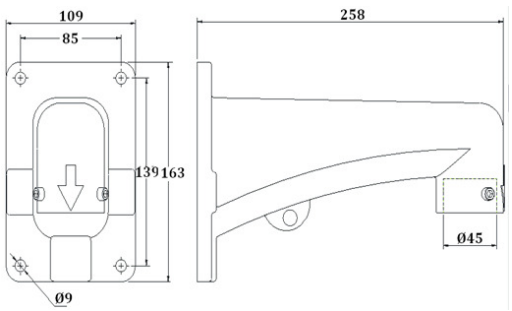
PTZ	
Guard function	Link preset/scan/cruise/pattern
Time task	Preset/scan/cruise/pattern/auto-tracking
Motor	Hybrid high-accuracy stepless motor
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate
Protocol	PELCO-P、PELCO-D
Heater	Auto
Auto demist	Support

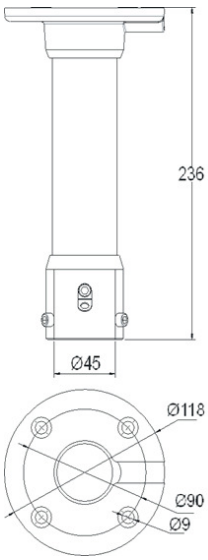
Others	
Intelligent analysis	Tripwire detection, Object lost&left behind detection
Auto-tracking	Support auto-tracking function, support alarm
IE browser	Support
Mobile	Support iOS/Android/WindowsMobile
Client	≤ 8

Others	
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time and PTZ angle
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, shield alarm, port alarm,

General	
Protection level	IP66、TVS 4000V lightning protection
Working temperature	-40℃ ~ 60℃
Working humidity	0 ~ 95% (No condensation)
Power supply	AC24V 3A
Power consumptionm	50W MAX

Accessory Dimensions





ATN130P-18H-IR

1.3 Megapixel IR PTZ IP Camera 960P Resolution

Features

1.3M 1/3" SONY Progressive CCD
Max 960P resolution, support 18X optical zoom and 12X digital zoom
Manual horizontal control speed, 0.05-400°/s, preset accuracy0.05°
360°continuous pan rotation, -12°~90°tilt rotation.
Built-in Osram efficient IR array LEDs, IR distance up to 150-180M
Support auto-tracking function, support alarm trigger tracking model.
Support IOS/Android/Windows Mobile view and control
Support MicroSD Card for local storage
IP66

Specification

Camera module	
Sensor	1.3MP 1/3" SONY Progressive CCD
Pixel	1.3Megapixel
Image resolution	Main code stream ： 960P (1280×960) /720P (1280×720)
	Second code stream ： D1 (704×576)
Frame rate	960P@15 F/S,720P@25 F/S
WDR	ON/OFF
Electronic shutter	1/25-1/100,000S
White balance	Auto/ Manual
Exposure model	Auto/Manual/shutter priority/aperture priority/ brightness priority
3D noise reduction	Support
Mini. Illumination	IR-cut ON (1/30s) 1.8lx
	IR-cut OFF(1/4s) 0.02lx (1/4s)
	F1.6(W),50 IRE
Day/Night	Auto(ICR)
Video parameter	set image brightness/contrast/saturation by IE
Camera parameter	Manual adjustment by OSD menau
Lens	
Focal length	18X (f=4.7-84.6mm)
Horizontal Field	55.2° (w) ~3.2° (t)
IR Function	
IR distance	150-180M
IR Lens	14pcs Osram IR array LEDs
Interface	
Network interface	10M/100M, RJ45 interface
MicroSD Card	MicroSD (TF) Card (Max 32G) ，support manual recording/alarm recording
Audio interface	1-channel audio input & 1-channel audio output
Alarm interface	8-channel alarm input & 2-channel alarm output
Analog video	1.0V[p-p]/75 Ω，PAL or NTSC，BNC

Interface	
API	Onvif2.0
Encode model	
Core processor	Cortex-A9 SoC processor
Operating system	Embedded Linux
Video compression	H.264/M-JPEG
Audio compression	G.711/G.726/ADPCM
Audio sample rate	64bit/sample
Encode type	BaseLine Profile/Main Profile/High Profile optional
Video compression code rate	32K ~ 16M Bps
Audio compression code rate	8K ~ 48K Bps
Transmission model	Dual stream
PTZ	
Manual speed	0.05° ~ 400°/s (stepless speed)
Max preset speed	400°/s
Preset accurity	± 0.05°
Horizontal rotation range	360°continuous rotation
Vertical rotation range	-12°~90°auto flip
preset	255
Auto scan	8
Auto cruise	8
Pattern tour	8，each one with 180s memory or 300 orders
OSD menu	Support various languages, various functions & parameter adjustment.
3D Positioning	Support
Power off memory function	Support

ATN130P-18H-IR

1.3 Megapixel IR PTZ IP Camera
960P Resolution

Specification

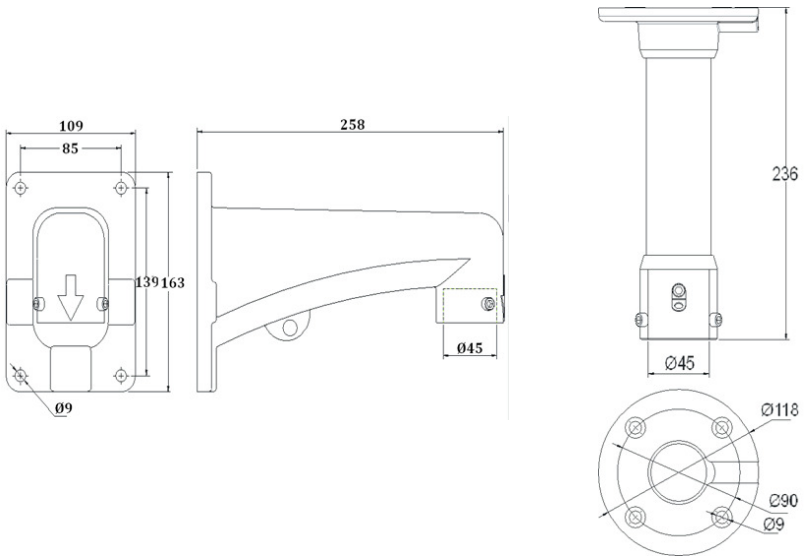
PTZ	
Guard function	Link preset/scan/cruise/pattern
Time task	Preset/scan/cruise/pattern/auto-tracking
Motor	Hybrid high-accuracy stepless motor
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate
Protocol	PELCO-P、PELCO-D
Heater	Auto
Wiper	Optional, it can be controled remoted
Auto demist	Support

Others	
Intelligent analysis	Tripwire detection, Object lost&left behind detection
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model
IE browser	Support
Mobile	Support iOS/Android/WindowsMobile
Client	≤ 8

Others	
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time and PTZ angle
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking

General	
Protection level	IP66、TVS 4000V lightning protection
Working temperature	-40℃ ~ 60℃
Working humidity	0 ~ 95% (No condensation)
Power supply	AC24V 3A/DC24V 5A self-adaption
Power consumptionm	60W MAX

Accessory Dimensions



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ATN130P-18H

1.3 Megapixel PTZ IP Camera
960P Resolution

Features

1.3M 1/3" SONY Progressive CCD
Max 960P resolution, support 18X optical zoom and 12X digital zoom
Manual horizontal control speed, 0.05-600°/s, preset accuracy0.05°
360°continuous pan rotation, -15°~195°tilt rotation.
Support auto-tracking function, support alarm trigger tracking model.
Support IOS/Android/Windows Mobile view and control
Support MicroSD Card for local storage
IP66

Specification

Camera module	
Sensor	1.3MP 1/3" SONY Progressive CCD
Pixel	1.3Megapixel
Image resolution	Main code stream ： 960P (1280×960) /720P (1280×720)
	Second code stream ： D1 (704×576)
Frame rate	960P@15F/S,720P@25 F/S
WDR	ON/OFF
Electronic shutter	1/25-1/100,000S
White balance	Auto/Manual
Exposure model	Auto/Manual/shutter priority/aperture priority/ brightness priority
3D noise reduction	Support
Mini. Illumination	IR-cut ON(1/30s) 1.8Lux;
	IR-cut OFF(1/4s)0.02Lux (1/4s)
	F1.6(W), 50 IRE
Day/Night	Auto(ICR)
Video parameter	set image brightness/contrast/saturation by IE
Camera parameter	Manual adjustment by OSD menau
Lens	
Focal length	18X (f=4.7-84.6mm)
Horizontal Field	55.2° (w) ~3.2° (t)
Interface	
Network interface	10M/100M, RJ45 interface
MicroSD Card	MicroSD (TF) Card (Max 32G) ，support manual recording/alarm recording
Audio interface	1-channel audio input & 1-channel audio output
Alarm interface	2-channel alarm input & 2-channel alarm output
Analog video	1.0V[p-p]/75 Ω，PAL or NTSC，BNC
API	Onvif2.0

Encode model	
Core processor	Cortex-A9 SoC processor
Operating system	Embedded Linux
Video compression	H.264/M-JPEG
Audio compression	G.711/G.726/ADPCM
Audio sample rate	64bit/sample
Encode type	BaseLine Profile/Main Profile/High Profile optional
Video compression code rate	32K ~ 16M Bps
Audio compression code rate	8K ~ 48K Bps
Transmission model	Dual stream
PTZ	
Manual speed	0.05° ~ 600°/s (stepless speed)
Max preset speed	600°/s
Preset accurity	± 0.05°
Horizontal rotation range	360°continuous rotation
Vertical rotation range	-15°~195°auto flip
preset	255
Auto scan	8
Auto cruise	8
Pattern tour	8，each one with 180s memory or 300 orders
OSD menu	Support various languages, various functions & parameter adjustment.
3D Positioning	Support
Power off memory function	Support

ATN130P-18H

1.3 Megapixel PTZ IP Camera
960P Resolution

Specification

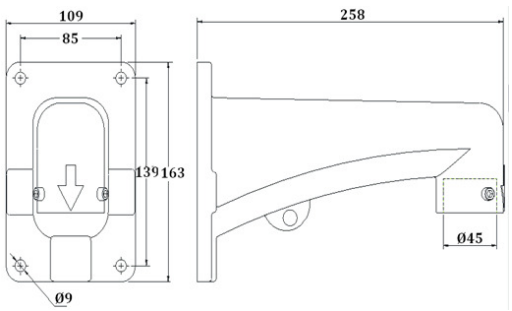
PTZ	
Guard function	Link preset/scan/cruise/pattern
Time task	Preset/scan/cruise/pattern/auto-tracking
Motor	Hybrid high-accuracy stepless motor
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate
Protocol	PELCO-P、PELCO-D
Heater	Auto
Auto demist	Support

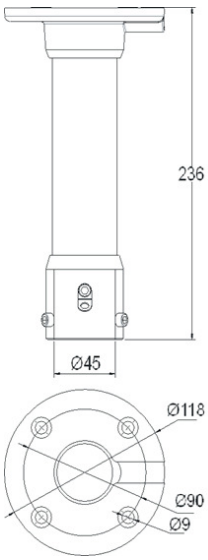
Others	
Intelligent analysis	Tripwire detection, Object lost&left behind detection
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model
IE browser	Support
Mobile Client	Support iOS/Android/WindowsMobile ≤ 8

Others	
Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
IP address	Support static state IP address、DDNS
OSD charactor	Support character, time and PTZ angle
Authority	4 level、128 users
System clock	Build-in clock, support external synchronization
Remote mamagement	Remote network upgrade
Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking

General	
Protection level	IP66、TVS 4000V lightning protection
Working temperature	-40℃ ~ 60℃
Working humidity	0 ~ 95% (No condensation)
Power supply	AC24V 3A
Power consumptionm	50W MAX

Accessory Dimensions





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ATR04HD4M

4CH Stand Alone NVR

Features

4CH IP camera input, support 720P, 1080P
4CH 720P playback / 1CH 1080P playback
HDMI and VGA output up to 1080P resolution
Plug & Play, Smart recording system
Intelligent Analysis: 4ch camera side IVA
1ch Alarm Input, 1ch Audio Output
2 SATA slots (Up to 8TB)

Specification

Video&Audio	
IP Camera Input	4ch 720P@3M / 4ch 1080P@4M
Output	1 HDMI,1VGA,2 USB 2.0
Voice Intercom	1channel 3.5mm interface
Display	
Display Split	1/4
Resolution	1920x1080,1280x720,1024x768
Tour Display	Support
Privacy Masking	Support
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.
Recording	
Video/Audio Compression	H.264/ADPCM-DV14/G.711A/G.711U
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P
Recording Bit Rate	32~8192Kb/s,
Recording Quality	CBR, VBR
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop
Recording Priority	Manual>Alarm>MD>Regular
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec
Detection&Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)
Video Loss&Camera Blank	Support

Playback&Backup	
Playback Channel	4
Search Mode	Time/Date/Alarm
Playback Function	Play, Pause, Stop, Rewind,Fast play, Slow play,Next file,Previous file, Next camera, Previous Camera, Full screen, Repeat, Shuffle, Backup selection, Digital Zoom(any size)
Backup Mode	Flash drive/USB HDD/ USB CD&DVD-RW/ eSATA Device/Built-in SATA burner/Network
Network	
Ethernet	RJ-45 port(10/100M)
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Hard Disk	2SATA port,2HDDs, Up to 8 TB
Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Auxiliary Interface	
USB Interface	2 USB2.0 ports for mouse control & backup
RS232	Keyboard, PC communication
RS485	PTZ control
Environment	
Power Supply	DC12V/5A
Power Consumption	≤ 10W
Working Environment	—10℃ - + 55℃/10%-90%RH
Dimension	1U , 43.6mm×341mm×268mm
Weight	≤ 4Kg(without HDD)

ATR08HD4M

8CH Stand Alone NVR

Features

8CH IP camera input, support 720P, 1080P
4CH 720P playback / 1CH 1080P playback
HDMI and VGA output up to 1080P resolution
Plug & Play, Smart recording system
Intelligent Analysis: 4ch camera side IVA
1ch Alarm Input, 1ch Audio Output
2 SATA slots (Up to 8TB)

Specification

Video&Audio	
IP Camera Input	8ch 720P@3M / 8ch 1080P@4M
Output	1 HDMI,1VGA,2 USB 2.0
Voice Intercom	1channel 3.5mm interface
Display	
Display Split	1/4/8
Resolution	1920x1080,1280x720,1024x768
Tour Display	Support
Privacy Masking	Support
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.
Recording	
Video/Audio Compression	H.264/ADPCM-DV14/G.711A/G.711U
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P
Recording Bit Rate	32~8192Kb/s,
Recording Quality	CBR, VBR
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop
Recording Priority	Manual>Alarm>MD>Regular
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec
Detection&Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)
Video Loss&Camera Blank	Support

Playback&Backup	
Playback Channel	8
Search Mode	Time/Date/Alarm
Playback Function	Play, Pause, Stop, Rewind,Fast play, Slow play,Next file,Previous file, Next camera, Previous Camera, Full screen, Repeat, Shuffle, Backup selection, Digital Zoom(any size)
Backup Mode	Flash drive/USB HDD/ USB CD&DVD-RW/ eSATA Device/Built-in SATA burner/Network
Network	
Ethernet	RJ-45 port(10/100M)
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Hard Disk	2SATA port,2HDDs, Up to 8 TB
Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Auxiliary Interface	
USB Interface	2 USB2.0 ports for mouse control & backup
RS232	Keyboard, PC communication
RS485	PTZ control
Environment	
Power Supply	DC12V/5A
Power Consumption	≤ 10W
Working Environment	—10℃ - + 55℃/10%-90%RH
Dimension	1U , 43.6mm×341mm×268mm
Weight	≤ 4Kg(without HDD)

ATR16HD8M

16CH Stand Alone NVR

Features

16CH IP camera input, support 720P, 1080P
8CH 720P playback / 4CH 1080P playback
HDMI and VGA output up to 1080P resolution
Plug & Play, Smart recording system
Intelligent Analysis: 2ch Bulit-in/16ch camera side IVA
8ch Alarm Input, 2ch Alarm Output, 1ch Audio Output
2 SATA slots (Up to 8TB)

Specification

Video&Audio	
IP Camera Input	16ch 720P@3M / 16ch 1080P@4M
Output	1 HDMI,1VGA,2 USB 2.0
Voice Intercom	1channel 3.5mm interface
Display	
Display Split	1\4\9\16
Resolution	1920x1080,1280x720,1024x768
Tour Display	Support
Privacy Masking	Support
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.
Recording	
Video/Audio Compression	H.264/ADPCM-DV14/G.711A/G.711U
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P
Recording Bit Rate	32~8192Kb/s,
Recording Quality	CBR, VBR
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop
Recording Priority	Manual>Alarm>MD>Regular
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec
Video Detection&Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)
Video Loss&Camera Blank	Support

Playback&Backup	
Playback Channel	4/8/16
Search Mode	Time/Date/Alarm
Playback Function	Play, Pause, Stop, Rewind,Fast play, Slow play,Next file,Previous file, Next camera, Previous Camera, Full screen, Repeat, Shuffle, Backup selection, Digital Zoom(any size)
Backup Mode	Flash drive/USB HDD/ USB CD&DVD-RW/ eSATA Device/Built-in SATA burner/Network
Network	
Ethernet	RJ-45 port(10/100M/1000M)
Network Function	HTTP,TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Hard Disk	2SATA port,2HDDs, Up to 8 TB
eSATA	1
Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Auxiliary Interface	
USB Interface	2 USB2.0 ports for mouse control & backup
RS232	Keyboard, PC communication
RS485	PTZ control
Environment	
Power Supply	DC12V/5A
Power Consumption	≤ 10W
Working Environment	—10℃ - + 55℃/10%-90%RH
Dimension	1U , 43.6mm×341mm×268mm
Weight	≤ 4Kg(without HDD)

ATR16HD8B

16CH Stand Alone NVR

Features

16CH IP camera input, support 720P, 1080P
8CH 720P playback / 4CH 1080P playback
HDMI x 2 and VGA output up to 1080P resolution
Plug & Play, Smart recording system
Intelligent Analysis: 2ch Bulit-in/16ch camera side IVA
16ch Alarm Input, 4ch Alarm Output, 1ch Audio Output
8 SATA slots (Up to 32TB)

Specification

Video&Audio	
IP Camera Input	16ch 720P@3M / 16ch 1080P@4M
Output	2xHDMI,1VGA,2 USB 2.0
Voice Intercom	1channel 3.5mm interface

Display	
Display Split	1\4\9\16
Resolution	1920x1080,1280x720,1024x768
Tour Display	Support
Privacy Masking	Support
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.

Recording	
Video/Audio Compression	H.264/ADPCM-DV14/G.711A/G.711U
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P
Recording Bit Rate	32~8192Kb/s,
Recording Quality	CBR, VBR
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop
Recording Priority	Manual>Alarm>MD>Regular
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec

Video Detection&Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)
Video Loss&Camera Blank	Support

Playback&Backup	
Playback Channel	4/8/16
Search Mode	Time/Date/Alarm
Playback Function	Play, Pause, Stop, Rewind,Fast play, Slow play,Next file,Previous file, Next camera, Previous Camera, Full screen, Repeat, Shuffle, Backup selection, Digital Zoom(any size)
Backup Mode	Flash drive/USB HDD/ USB CD&DVD-RW/ eSATA Device/Built-in SATA burner/Network

Network	
Ethernet	RJ-45 port(10/100M/1000M)
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information

Hard Disk	
Hard Disk	8SATA port, 8HDDs, Up to 32 TB
eSATA	1
Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm

Auxiliary Interface	
USB Interface	3 USB2.0 ports for mouse control & backup
RS232	Keyboard, PC communication
RS485	PTZcontrol

Environment	
Power Supply	AC220V,50Hz
Power Consumption	≤ 44W
Working Environment	—10℃ - + 55℃/10%-90%RH
Dimension	2U , 90mm×441mm×470mm
Weight	≤ 8Kg(without HDD)

ATR32HD8B

32CH Stand Alone NVR

Features

32CH IP camera input, support 720P, 1080P
8CH 720P playback / 4CH 1080P playback
HDMI x 2 and VGA output up to 1080P resolution
Plug & Play, Smart recording system
Intelligent Analysis: 2ch Bulit-in/32ch camera side IVA
16ch Alarm Input, 4ch Alarm Output, 1ch Audio Output
8 SATA slots (Up to 32TB)

Specification

Video&Audio	
IP Camera Input	32ch 720P@3M / 24ch 1080P@4M
Output	2xHDMI,1VGA,1BNC,3USB 2.0
Voice Intercom	1channel 3.5mm interface
Display	
Display Split	1\4\9\16
Resolution	1920x1080,1280x720,1024x768
Tour Display	Support
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.
Recording	
Video/Audio Compression	H.264/ADPCM-DV14/G.711A/G.711U
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P
Recording Bit Rate	32~8192Kb/s,
Recording Quality	CBR, VBR
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop
Recording Priority	Manual>Alarm>MD>Regular
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec
Video Detection&Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)
Video Loss&Camera Blank	Support

Playback&Backup	
Playback Channel	4/8/16
Search Mode	Time/Date/Alarm
Playback Function	Play, Pause, Stop, Rewind,Fast play, Slow play,Next file,Previous file, Next camera, Previous Camera, Full screen, Repeat, Shuffle, Backup selection, Digital Zoom(any size)
Backup Mode	Flash drive/USB HDD/ USB CD&DVD-RW/ eSATA Device/Built-in SATA burner/Network
Network	
Ethernet	RJ-45 port(10/100M/1000M)
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Hard Disk	8SATA port, 8HDDs, Up to 32 TB
eSATA	1
Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Auxiliary Interface	
USB Interface	3 USB2.0 ports for mouse control & backup
RS232	Keyboard, PC communication
RS485	PTZcontrol
Environment	
Power Supply	AC220V,50Hz
Power Consumption	≤ 44W
Working Environment	—10℃ - + 55℃/10%-90%RH
Dimension	2U , 90mm×441mm×470mm
Weight	≤ 8Kg(without HDD)

AVM-2812DIR-3.0

3.0 Megapixel, 2.8-12mm, F1.4
DC IRIS, IR-corrected Lens

Specification

Optical & Mechanical Specifications		
Image Format		1/2.7" & 1/3"
Focal Length		2.8-12mm
Aperture Ratio		F1.4 - 360
Angle of View (1/2.7")	**D**	99.4°- 40.3°
	H	86.6° - 32.7°
	V	70.5°- 24.8°
Angle of View (1/3")	**D**	93.9° - 28.1°
	H	81.2° - 22.6°
	V	65.5° - 17.1°
Mount		CS mount

Optical & Mechanical Specifications		
Operation	**Iris**	DC Auto (F1.4-360)
	Focus	Manual
	Zoom	Manual
Operating Voltage	**Open**	Less than 4V
	Close	More than 0.5V
Environment		
Operating Temperature		-10C^0 - +50C^0
Dimensions		Φ 30(W) x 44(H) x 38.5(L) mm
Weight		48g
Place of Production		Japan

AVM-0750DIR-3.0

3.0 Megapixel, 7-50mm, F1.6
DC IRIS, IR-corrected Lens

Specification

Optical & Mechanical Specifications		
Image Format		1/2.7" & 1/3"
Focal Length		2.8-12mm
Aperture Ratio		F1.4 - 360
Angle of View (1/2.7")	**D**	50°- 7.5°
	H	41.3° - 6.5°
	V	31.6°- 3.7°
Angle of View (1/3")	**D**	46.4° - 6.9°
	H	37.8° - 5.5°
	V	28.8° - 4.1°
Mount		CS mount

Optical & Mechanical Specifications		
Operation	**Iris**	DC Auto (F1.6-360)
	Focus	Manual
	Zoom	Manual
Operating Voltage	**Open**	Less than 4V
	Close	More than 0.5V
Environment		
Operating Temperature		-10°C - +50°C
Dimensions		Φ 42(W) x 47(H) x 64.0(L) mm
Weight		123g
Place of Production		Japan

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AVM-3312DIR-2.0

2.0 Megapixel, 3.3-12mm, F1.4
DC IRIS, IR-corrected Lens

Specificatio

Optical & Mechanical Specifications		
Image Format		1/2.7" & 1/3"
Focal Length		3.3-12mm
Aperture Ratio		F1.4 - 360
Angle of View (1/2.7")	**D**	102°- 37.3°
	H	79.3° - 29.8°
	V	59.5°- 22.4°
Angle of View (1/3")	**D**	90° - 32°
	H	73° - 25.8°
	V	54.6° - 19.4°
Mount		CS mount

Optical & Mechanical Specifications		
Operation	**Iris**	DC Auto (F1.4-360)
	Focus	Manual
	Zoom	Manual
Operating Voltage	**Open**	Less than 4V
	Close	More than 0.5V
Environment		
Operating Temperature		$-10C^0$ - $+50C^0$
Dimensions		Φ 29(W) x 42.7(H) x 43(L) mm
Weight		62g
Place of Production		China

Support and Measured List

ATR NVR Support IP camera Brands (Onvif)

AXIS COMMUNICATIONS
BOSCH
Brickcom
dahua
HIKVISION
Panasonic
PELCO by Schneider Electric
SAMSUNG
SONY

The names on the list are **in alphabetical order**

ATN IP Camera Can Work With Below System (Onvif)

AVIGILON THE BEST EVIDENCE™
axxon Video Surveillance and Security Solutions
Brickcom
dahua
Digifort IP Surveillance System
HIKVISION
milestone The Open Platform Company
nuuo The Intelligent Surveillance Solution
Omnicast

The names on the list are **in alphabetical order**