



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		Encode Mode	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor	Video Compression	32K~8Mbps
core processor	ARM9 Architecture processor	code rate	
operating system	Embedded LINUX	Audio Compression	8K~48Kbps
Effective Pixels	2 M	code rate	
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)	Others	
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S	IE browser	Web server
WDR	100db	Mobile	Support IOS/Android/WindowsMobile
Electronic Shutter	1/25S ~ 1/10000S	Client	≤ 8
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	Local storage	Support MicroSD card, max 32G
Day/Night	ICR	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Videoparameters	Contrast, brightness, saturation can be adjusted independently	IP address	Support static state IP address、DDNS
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment	OSD character	Support character, time , support max 128 characters
Lens		Authority	4 level、128 users
Lens interface type	C/CS	System clock	Build-in clock, support external synchronization
Interface		Remote management	Remote network upgrade
Video interface	1Vp-p Composite Output (75 Ω/BNC)	Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Network Port	10/100MEthernet interface RJ45	Environment	
Protocol	Onvif	Power Supply	DC 12V±10%
Encode Mode		Power Consumption	5 W
Video Compression	H.264/MJPEG	Dimension	145mm×71mm×58mm
Audio Compression	G.711/G.726/ADPCM	Weight	0.6 Kg
Encode type	BaseLine Profile/ Main Profile		



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		Encode Mode	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor	Video Compression	32K~8Mbps
core processor	ARM9 Architecture processor	code rate	
operating system	Embedded LINUX	Audio Compression	8K~48Kbps
Effective Pixels	1.3 M	code rate	
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)	Others	
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S	IE browser	Web server
WDR	100db	Mobile	Support IOS/Android/WindowsMobile
Electronic Shutter	1/25S ~ 1/10000S	Client	≤ 8
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	Local storage	Support MicroSD card, max 32G
Day/Night	ICR	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Videoparameters	Contrast, brightness, saturation can be adjusted independently	IP address	Support static state IP address, DDNS
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment	OSD character	Support character, time , support max 128 characters
Lens		Authority	4 level, 128 users
Lens interface type	C/CS	System clock	Build-in clock, support external synchronization
Interface		Remote management	Remote network upgrade
Video interface	1Vp-p Composite Output (75 Ω/BNC)	Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Network Port	10/100MEthernet interface RJ45	Environment	
Protocol	Onvif	Power Supply	DC 12V±10%
Encode Mode		Power Consumption	5 W
Video Compression	H.264/MJPEG	Dimension	145mm×71mm×58mm
Audio Compression	G.711/G.726/ADPCM	Weight	0.6 Kg
Encode type	BaseLine Profile/ Main Profile		



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		Encode Mode	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	2M	Video Compression	32K~8Mbps
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)	code rate	
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Aperture	DC drive	Mobile	Support IOS/Android/WindowsMobile
Day/Night	ICR	Client	≤ 8
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Local-storage	Support USB extend , upto 32G
Image processing	Support 3D noise reduction, de-interface, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address、DDNS
Lens Mount	2.8-12mm Manual Zoom lens	OSD character	Support character, time , support max 128 characters
Lens interface type	M12	Authority	4 level、 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	30-50M	Remote	Remote network upgrade
IR Lens	2pcs 3rd generation IR array LEDs	mamagement	
Interface		Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Ingress Protection	IP66
Network Port	10/100MEthernet interface RJ45	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Protocol	Onvif	Environment	
		Power Supply	DC 12V±10%
		Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
		Dimension	220mm×93mm×85mm
		Weight	0.8 Kg



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		Encode Mode	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	2M	Video Compression	32K~8Mbps
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)	code rate	
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Aperture	DC drive	Mobile	Support IOS/Android/WindowsMobile
Day/Night	ICR	Client	≤ 8
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Local-storage	Support USB extend , upto 32G
Image processing	Support 3D noise reduction, de-interface, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address、DDNS
Lens Mount	7-22mm Manual Zoom lens	OSD character	Support character, time , support max 128 characters
Lens interface type	M12	Authority	4 level、 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	50-80M	Remote	Remote network upgrade
IR Lens	2pcs 3rd generation IR array LEDs	mamagement	
Interface		Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Ingress Protection	IP66
Network Port	10/100MEthernet interface RJ45	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Protocol	Onvif	Environment	
		Power Supply	DC 12V±10%
		Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
		Dimension	220mm×93mm×85mm
		Weight	0.8 Kg



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		Encode Mode	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	2M	Video Compression	32K~8Mbps
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)	code rate	
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Day/Night	ICR	Mobile	Support IOS/Android/WindowsMobile
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Client	≤ 8
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address, DDNS
Lens Mount	4mm fixed focus lens/6mm fixed focus lens/12mm fixed focus lens	OSD character	Support character, time , support max 128 charactors
Lens interface type	M12	Authority	4 level、128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	30-50M	Remote	Remote network upgrade
IR Lens	2pcs 3rd generation IR array LEDs	mamagement	
Interface		Intelligent alarm	Motion detection, Port alarm
Network Port	10/100MEthernet interface RJ45	General	
Protocol	Onvif	Ingress Protection	IP66
		Operating	-30°C ~ 60°C, 0 ~ 95% RHG
		Environment	
		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		Encode Mode	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	2M	Video Compression	32K~8Mbps
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)	code rate	
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Aperture	DC drive	Mobile	Support IOS/Android/WindowsMobile
Day/Night	ICR	Client	≤ 8
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Local-storage	Support USB extend , upto 32G
Image processing	Support 3D noise reduction, de-interface, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address、DDNS
Lens Mount	7-50mm Manual Zoom lens	OSD character	Support character, time , support max 128 characters
Lens interface type	CS Mount	Authority	4 level、 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	120M	Remote	Remote network upgrade
IR Lens	12pcs High power IR LEDs	mamagement	
Interface		Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Ingress Protection	IP68
Network Port	10/100MEthernet interface RJ45	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Protocol	Onvif	Environment	
		Power Supply	AC 90-240V (+/- 10%) OR AC 24V(+/- 10%)
		Power Consumption	60 W Max
		Dimension	425mm×160mm×165mm
		Weight	6.0 Kg



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		Encode Mode	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	1.3M	Video Compression	32K~8Mbps
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)	code rate	
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Aperture	DC drive	Mobile	Support IOS/Android/WindowsMobile
Day/Night	ICR	Client	≤ 8
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Local-storage	Support USB extend , upto 32G
Image processing	Support 3D noise reduction, de-interface, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address, DDNS
Lens Mount	2.8-12mm Manual Zoom lens	OSD character	Support character, time , support max 128 characters
Lens interface type	M12	Authority	4 level、 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	30-50M	Remote	Remote network upgrade
IR Lens	2pcs 3rd generation IR array LEDs	management	
Interface		Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Ingress Protection	IP66
Network Port	10/100MEthernet interface RJ45	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Protocol	Onvif	Environment	
		Power Supply	DC 12V±10%
		Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
		Dimension	220mm×93mm×85mm
		Weight	0.5 Kg



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		Encode Mode	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	1.3M	Video Compression	32K~8Mbps
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)	code rate	
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Aperture	DC drive	Mobile	Support IOS/Android/WindowsMobile
Day/Night	ICR	Client	≤ 8
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Local-storage	Support USB extend , upto 32G
Image processing	Support 3D noise reduction, de-interface, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address, DDNS
Lens Mount	7-22mm Manual Zoom lens	OSD character	Support character, time , support max 128 characters
Lens interface type	M12	Authority	4 level、 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	50-80M	Remote	Remote network upgrade
IR Lens	2pcs 3rd generation IR array LEDs	management	
Interface		Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Ingress Protection	IP66
Network Port	10/100MEthernet interface RJ45	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Protocol	Onvif	Environment	
		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		Encode Mode	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	1.3 M	Video Compression	32K~8Mbps
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)	code rate	
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Day/Night	ICR	Mobile	Support IOS/Android/WindowsMobile
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Client	≤ 8
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address、DDNS
Lens Mount	4mm fixed focus lens/6mm fixed focus lens/12mm fixed focus lens	OSD character	Support character, time , support max 128 characters
Lens interface type	M12	Authority	4 level、128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	30-50M	Remote	Remote network upgrade
IR Lens	2pcs 3rd generation IR array LEDs	mamagement	
Interface		Intelligent alarm	Motion detection, Port alarm
Network Port	10/100MEthernet interface RJ45	General	
Protocol	Onvif	Ingress Protection	IP66
		Operating	-30°C ~ 60°C, 0 ~ 95% RHG
		Environment	
		Power Supply	DC 12V±10%
		Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
		Dimension	185mm×92mm×85mm
		Weight	0.5 Kg



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		Encode Mode	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	1.3M	Video Compression	32K~8Mbps
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)	code rate	
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Aperture	DC drive	Mobile	Support IOS/Android/WindowsMobile
Day/Night	ICR	Client	≤ 8
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Local-storage	Support USB extend , upto 32G
Image processing	Support 3D noise reduction, de-interface, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/ PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address, DDNS
Lens Mount	7-50mm Manual Zoom lens	OSD character	Support character, time , support max 128 characters
Lens interface type	CS Mount	Authority	4 level、 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	120M	Remote	Remote network upgrade
IR Lens	12pcs high power IR LEDs	management	
Interface		Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Ingress Protection	IP68
Network Port	10/100MEthernet interface RJ45	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Protocol	Onvif	Environment	
		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		Encode Mode	
Image sensor	2MP, 1/2.8" Sony ExmorCMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	2 M	Video Compression	32K~8Mbps
Image resolution	Main stream: 1080P(1920*1080); Second stream:D1(704*576)	code rate	
Framerate	PAL: 1080P@25 F/S NTSC: 1080P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Aperture	DC drive	Mobile	Support IOS/Android/WindowsMobile
Day/Night	ICR	Client	≤ 8
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Local storage	Support MicroSD card, max 32G
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address, DDNS
Lens Mount	2.8-10mm Manual zoom lens	OSD character	Support character, time , support max 128 characters
Lens interface type	M12	Authority	4 level, 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	30-50M	Remote	Remote network upgrade
IR Lens	31pcs φ 5 IR array LEDs	mamagement	
Interface		Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
Network Port	10/100MEthernet interface RJ45	Environment	
Protocol	Onvif	Power Supply	DC 12V±10%/POE
		Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
		Dimension	152mm×152mm×128mm
		Weight	1Kg



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	Encode Mode
Image sensor	Video Compression H.264/MJPEG
core processor	Audio Compression G.711/G.726/ADPCM
operating system	Encode type BaseLine Profile/ Main Profile
Effective Pixels	Video Compression 32K~8Mbps
Image resolution	code rate
Main stream: 1080P(1920*1080); Second stream:D1(704*576)	Audio Compression 8K~48Kbps
Framerate	code rate
PAL: 1080P@25 F/S NTSC: 1080P@30 F/S	Others
WDR	IE browser Web server
100db	Mobile Support IOS/Android/WindowsMobile
Electronic Shutter	Client ≤ 8
1/25S ~ 1/10000S	Network protocol TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Mini. Illumination	IP address Support static state IP address、DDNS
Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	OSD charactor Support character, time , support max 128 charactors
Day/Night	Authority 4 level、 128 users
ICR	System clock Build-in clock, support external synchronization
Videoparameters	Remote Remote network upgrade
Contrast, brightness, saturation can be adjusted independently	mamagement
Image processing	Intelligent alarm Motion detection, Port alarm
Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment	General
Lens	Operating -30°C ~ 60°C, 0 ~ 95% RHG
Lens Mount	Environment
2.8mm fixed focus lens/4mm fixed focus lens/6mm fixed focus lens	Power Supply DC 12V±10%
Lens interface type	Power Consumption 5 W (LED OFF)/ 11 W (LED ON)
M12	Dimension 137mm×137mm×100mm
IR LEDs	Weight 0.5Kg
IR distance	
20-30M	
IR Lens	
1pcs 3rd generation IR array LEDs	
Interface	
Network Port	
10/100MEthernet interface RJ45	
Protocol	
Onvif	



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		Encode Mode	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	1.3 M	Video Compression	32K~8Mbps
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)	code rate	
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Aperture	DC drive	Mobile	Support IOS/Android/WindowsMobile
Day/Night	ICR	Client	≤ 8
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Local storage	Support USB expand, storage card support max 32G
Image processing	Support 3D noise reduction, de-interface, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address、DDNS
Lens Mount	2.8-10mm Manual zoom lens	OSD character	Support character, time , support max 128 characters
Lens interface type	M12	Authority	4 level、 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	30-50M	Remote	Remote network upgrade
IR Lens	31pcs φ 5 IR array LEDs	management	
Interface		Intelligent alarm	Motion detection, Port alarm
Audio interface	1 channel input; 1 channel output	General	
Alarm interface	1 channel input	Operating	-10°C ~ 60°C, 0 ~ 95% RHG
Network Port	10/100MEthernet interface RJ45	Environment	
Protocol	Onvif	Power Supply	DC 12V±10%
		Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
		Dimension	152mm×152mm×128mm
		Weight	1Kg



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		Encode Mode	
Image sensor	1.3 MP 1/3" Super Low-Lux CMOS sensor	Video Compression	H.264/MJPEG
core processor	ARM9 Architecture processor	Audio Compression	G.711/G.726/ADPCM
operating system	Embedded LINUX	Encode type	BaseLine Profile/ Main Profile
Effective Pixels	1.3 M	Video Compression	32K~8Mbps
Image resolution	Main stream: 960P(1280*960); Second stream:D1(704*576)	code rate	
Framerate	PAL: 960P@25 F/S NTSC: 960P@30 F/S	Audio Compression	8K~48Kbps
WDR	100db	code rate	
Electronic Shutter	1/25S ~ 1/10000S	Others	
Mini. Illumination	Color0.05 Lux @(F1.2, AGC ON) B/W0.01Lux @(F1.2, AGC ON); 0 Lux with IR	IE browser	Web server
Day/Night	ICR	Mobile	Support IOS/Android/WindowsMobile
Videoparameters	Contrast, brightness, saturation can be adjusted independently	Client	≤ 8
Image processing	Support 3D noise reduction, de-interlace, image enhancement, edge enhancement, backlight compensation, gamma adjustment	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Lens		IP address	Support static state IP address, DDNS
Lens Mount	2.8mm fixed focus lens/4mm fixed focus lens/6mm fixed focus lens	OSD character	Support character, time , support max 128 characters
Lens interface type	M12	Authority	4 level, 128 users
IR LEDs		System clock	Build-in clock, support external synchronization
IR distance	20-30M	Remote	Remote network upgrade
IR Lens	1pcs 3rd generation IR array LEDs	mamagement	
Interface		Intelligent alarm	Motion detection, Port alarm
Network Port	10/100MEthernet interface RJ45	General	
Protocol	Onvif	Operating	-30°C ~ 60°C, 0 ~ 95% RHG
		Environment	
		Power Supply	DC 12V±10%
		Power Consumption	5 W (LED OFF)/ 11 W (LED ON)
		Dimension	137mm×137mm×100mm
		Weight	0.5Kg



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 accuracy 0.05°
 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		Interface	
Sensor	3.27MP 1/2.8" SONY Exmor CMOS	Analog video	1.0V[p-p]/75Ω , PAL or NTSC , BNC
Pixel	3.27 Megapixel	API	Onvif2.0
Image resolution	Main code stream : 1080P (1920×1080) Second code stream : D1 (704×576)	Encode model	
Frame rate	1080P@25 F/S, 1080P@30 F/S	Core processor	Cortex-A9 SoC processor
WDR	ON/OFF/Auto	Operating system	Embedded Linux
Electronic shutter	1/1-1/10,000S	Video compression	H.264/M-JPEG
White balance	Auto/ATW/Indoor/ sodium lamp/Outdoor/ Outdoor Auto/ Manual/ONE PUSH	Audio compression	G.711/G.726/ADPCM
Exposure model	Auto/Manual/shutter priority/aperture priority/ slow exposure/exposure compensation	Audio sample rate	64bit/sample
3D noise reduction	Support	Encode type	BaseLine Profile/Main Profile/High Profile optional
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)	Video compression	32K ~ 16M Bps
Day/Night	Auto(ICR)	code rate	
Video parameter	set image brightness/contrast/saturation by IE	Audio compression	8K ~ 48K Bps
Camera parameter	Manual adjustment by OSD menu	code rate	
Lens		Transmission model	Dual stream
Focal length	20X (f=4.7-94mm)	PTZ	
Horizontal Field	55.4° (w) ~2.9° (t)	Manual speed	0.05° ~ 400°/s (stepless speed)
IR Function		Max preset speed	400°/s
IR distance	150-180M	Preset accuracy	± 0.05°
IR Lens	14pcs Osram IR array LEDs	Horizontal rotation range	360° continuous rotation
Interface		Vertical rotation range	-12°~90° auto flip
Network interface	10M/100M, RJ45 interface	preset	255
MicroSD Card	MicroSD (TF) Card (Max 32G) , support manual recording/alarm recording	Auto scan	8
Audio interface	1-channel audio input & 1-channel audio output	Auto cruise	8
Alarm interface	8-channel alarm input & 2-channel alarm output	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



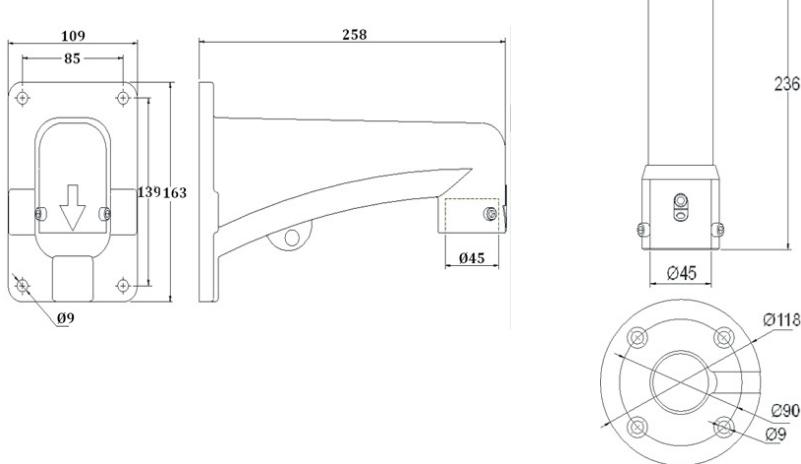
ATN200P-20S-IR

2.0 Megapixel IR PTZ IP Camera
1080P Resolution

Specification

PTZ		Others	
Guard function	Link preset/scan/cruise/pattern	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Time task	Preset/scan/cruise/pattern/auto-tracking	IP address	Support static state IP address、DDNS
Motor	Hybrid high-accuracy stepless motor	OSD character	Support character, time and PTZ angle
Speed setup	Auto rotation speed adjust in accordance with according to the focal the lens zoom rate distance,	Authority	4 level、128 users
Protocol	PELCO-P、PELCO-D	System clock	Build-in clock, support external synchronization
Heater	Auto	Remote management	Remote network upgrade
Wiper	Optional, it can be controlled remoted	Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking
Auto demist	Support	General	
Others		Protection level	IP66、TVS 4000V lightning protection
Intelligent analysis	Tripwire detection, Object lost&left behind detection	Working temperature	-40°C ~ 60°C
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model	Working humidity	0 ~ 95% (No condensation)
IE browser	Support	Power supply	AC24V 3A/DC24V 5A self-adaption
Mobile Client	Support iOS/Android/WindowsMobile ≤ 8	Power consumption	60W MAX

Accessory Dimensions





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 accuracy 0.05°
 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		Interface	
Sensor	3.27MP 1/2.8" SONY Exmor CMOS	Analog video	1.0V[p-p]/75Ω , PAL or NTSC , BNC
Pixel	3.27Megapixel	API	Onvif2.0
Image resolution	Main code stream : 1080P (1920×1080) Second code stream : D1 (704×576)	Encode model	
Frame rate	1080P@25 F/S, 1080P@30 F/S	Core processor	Cortex-A9 SoC processor
WDR	ON/OFF/Auto	Operating system	Embedded Linux
Electronic shutter	1/30-1/10,000S	Video compression	H.264/M-JPEG
White balance	Auto/ATW/Manual/ONE PUSH	Audio compression	G.711/G.726/ADPCM
Exposure model	Auto/Manual	Audio sample rate	64bit/sample
3D noise reduction	Support	Encode type	BaseLine Profile/Main Profile/High Profile optional
Anti-fog	Support	Video compression	32K ~ 16M Bps
Image anti-shake	Support	code rate	
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)	Audio compression	8K ~ 48K Bps
Day/Night	Auto(ICR)	code rate	
Video parameter	set image brightness/contrast/saturation by IE	Transmission model	Dual stream
Camera parameter	Manual adjustment by OSD menu	PTZ	
Lens		Manual speed	0.05° ~ 400°/s (stepless speed)
Focal length	30X (f=4.3-129mm)	Max preset speed	400°/s
Horizontal Field	58.9° (w) ~2.11° (t)	Preset accuracy	± 0.05°
IR Function		Horizontal rotation range	360° continuous rotation
IR distance	150-180M	Vertical rotation range	-12°~90° auto flip
IR Lens	14pcs Osram IR array LEDs	preset	255
Interface		Auto scan	8
Network interface	10M/100M, RJ45 interface	Auto cruise	8
MicroSD Card	MicroSD (TF) Card (Max 32G) , support manual recording/alarm recording	Pattern tour	8 , each one with 180s memory or 300 orders
Audio interface	1-channel audio input & 1-channel audio output	OSD menu	Support various languages, various functions & parameter adjustment.
Alarm interface	8-channel alarm input & 2-channel alarm output	3D Positioning	Support
		Power off memory function	Support



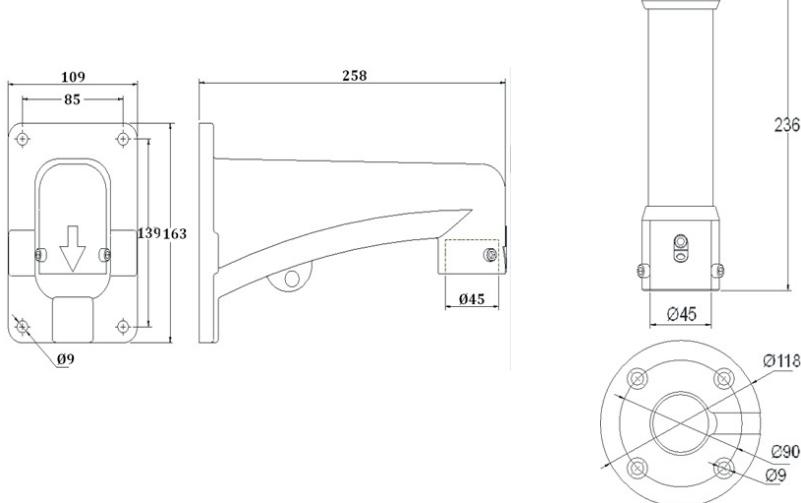
ATN200P-30L-IR

2.0 Megapixel IR PTZ IP Camera
1080P Resolution

Specification

PTZ		Others	
Guard function	Link preset/scan/cruise/pattern	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Time task	Preset/scan/cruise/pattern/auto-tracking	IP address	Support static state IP address, DDNS
Motor	Hybrid high-accuracy stepless motor	OSD character	Support character, time and PTZ angle
Speed setup	Auto rotation speed adjust in accordance with according to the focal the lens zoom rate	Authority	4 level, 128 users
distance,		System clock	Build-in clock, support external synchronization
Protocol	PELCO-P、PELCO-D	Remote management	Remote network upgrade
Heater	Auto	Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking
Wiper	Optional, it can be controlled remoted		
Auto demist	Support		
Others		General	
Intelligent analysis	Tripwire detection, Object lost&left behind detection	Protection level	IP66, TVS 4000V lightning protection
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model	Working temperature	-40°C ~ 60°C
IE browser	Support	Working humidity	0 ~ 95% (No condensation)
Mobile Client	Support iOS/Android/WindowsMobile	Power supply	AC24V 3A/DC24V 5A self-adaption
	≤ 8	Power consumption	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 accuracy 0.05°
- 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		Encode model	
Sensor	3.27MP 1/2.8" SONY Exmor CMOS	Core processor	Cortex-A9 SoC processor
Pixel	3.27Megapixel	Operating system	Embedded Linux
Image resolution	Main code stream : 1080P (1920×1080) Second code stream : D1 (704×576)	Video compression	H.264/M-JPEG
Frame rate	1080P@25 F/S , 1080P@30 F/S	Audio compression	G.711/G.726/ADPCM
WDR	ON/OFF/Auto	Audio sample rate	64bit/sample
Electronic shutter	1/1-1/10,000S	Encode type	BaseLine Profile/Main Profile/High Profile optional
White balance	Auto/ATW/Indoor/ sodium lamp/Outdoor/ Outdoor Auto/ Manual/ONE PUSH	Video compression	32K ~ 16M Bps
Exposure model	Auto/Manual/shutter priority/aperture priority/ slow exposure/exposure compensation	Audio compression	8K ~ 48K Bps
3D noise reduction	Support	Transmission model	Dual stream
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)	PTZ	
Day/Night	Auto(ICR)	Manual speed	0.05° ~ 600°/s (stepless speed)
Video parameter	set image brightness/contrast/saturation by IE	Max preset speed	600°/s
Camera parameter	Manual adjustment by OSD menu	Preset accuracy	± 0.05°
Lens		Horizontal rotation	360° continuous rotation
Focal length	20X (f=4.7-94mm)	Vertical rotation	-15°~195° auto flip
Horizontal Field	55.4° (w) ~2.9° (t)	preset	255
Interface		Auto scan	8
Network interface	10M/100M, RJ45 interface	Auto cruise	8
MicroSD Card	MicroSD (TF) Card (Max 32G) , support manual recording/alarm recording	Pattern tour	8 , each one with 180s memory or 300 orders
Audio interface	1-channel audio input & 1-channel audio output	OSD menu	Support various languages, various functions & parameter adjustment.
Alarm interface	2-channel alarm input & 2-channel alarm output	3D Positioning	Support
Analog video	1.0V[p-p]/75 Ω , PAL or NTSC , BNC	Power off memory	Support
API	Onvif2.0		



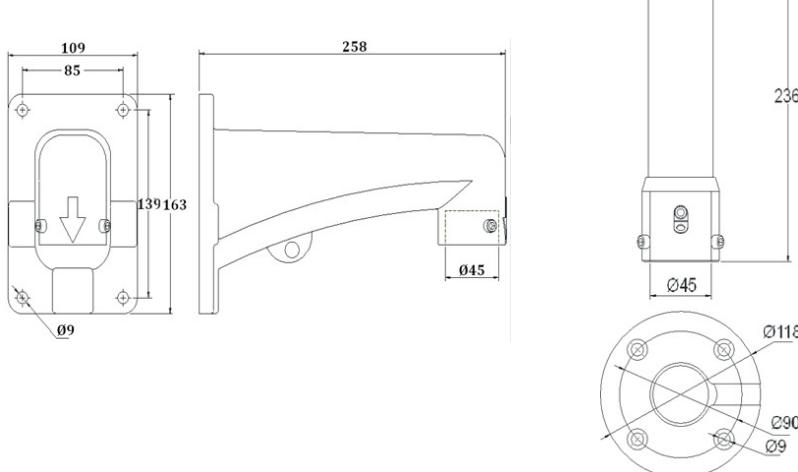
ATN200P-20S

2.0 Megapixel PTZ IP Camera
1080P Resolution

Specification

PTZ		Others	
Guard function	Link preset/scan/cruise/pattern	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Time task	Preset/scan/cruise/pattern/auto-tracking	IP address	Support static state IP address、DDNS
Motor	Hybrid high-accuracy stepless motor	OSD character	Support character, time and PTZ angle
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate	Authority	4 level、128 users
Protocol	PELCO-P、PELCO-D	System clock	Build-in clock, support external synchronization
Heater	Auto	Remote management	Remote network upgrade
Auto demist	Support	Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking
Others		General	
Intelligent analysis	Tripwire detection, Object lost&left behind detection	Protection level	IP66、TVS 4000V lightning protection
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model	Working temperature	-40°C ~ 60°C
IE browser	Support	Working humidity	0 ~ 95% (No condensation)
Mobile Client	Support iOS/Android/WindowsMobile ≤ 8	Power supply	AC24V 3A
		Power consumption	50W MAX

Accessory Dimensions





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 accuracy 0.05°
- 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		Interface	
Sensor	3.27MP 1/2.8" SONY Exmor CMOS	API	Onvif2.0
Pixel	3.27Megapixel	Encode model	
Image resolution	Main code stream : 1080P (1920×1080) Second code stream : D1 (704×576)	Core processor	Cortex-A9 SoC processor
Frame rate	1080P@25 F/S, 1080P@30 F/S	Operating system	Embedded Linux
WDR	ON/OFF/Auto	Video compression	H.264/M-JPEG
Electronic shutter	1/30-1/10,000S	Audio compression	G.711/G.726/ADPCM
White balance	Auto/ATW/Manual/ONE PUSH	Audio sample rate	64bit/sample
Exposure model	Auto/Manual	Encode type	BaseLine Profile/Main Profile/High Profile optional
3D noise reduction	Support	Video compression	32K ~ 16M Bps
Anti-fog	Support	Audio compression	8K ~ 48K Bps
Image anti-shake	Support	Transmission model	Dual stream
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)	PTZ	
Day/Night	Auto(ICR)	Manual speed	0.05° ~ 600°/s (stepless speed)
Video parameter	set image brightness/contrast/saturation by IE	Max preset speed	600°/s
Camera parameter	Manual adjustment by OSD menu	Preset accuracy	± 0.05°
Lens		Horizontal rotation	360° continuous rotation
Focal length	30X (f=4.3-129mm)	range	
Horizontal Field	58.9° (w) ~2.11° (t)	Vertical rotation	-15°~195° auto flip
Interface		range	
Network interface	10M/100M, RJ45 interface	preset	255
MicroSD Card	MicroSD (TF) Card (Max 32G) , support manual recording/alarm recording	Auto scan	8
Audio interface	1-channel audio input & 1-channel audio output	Auto cruise	8
Alarm interface	2-channel alarm input & 2-channel alarm output	Pattern tour	8 , each one with 180s memory or 300 orders
Analog video	1.0V[p-p]/75 Ω , PAL or NTSC , BNC	OSD menu	Support various languages, various functions &
		3D Positioning	Support
		Power off memory	Support



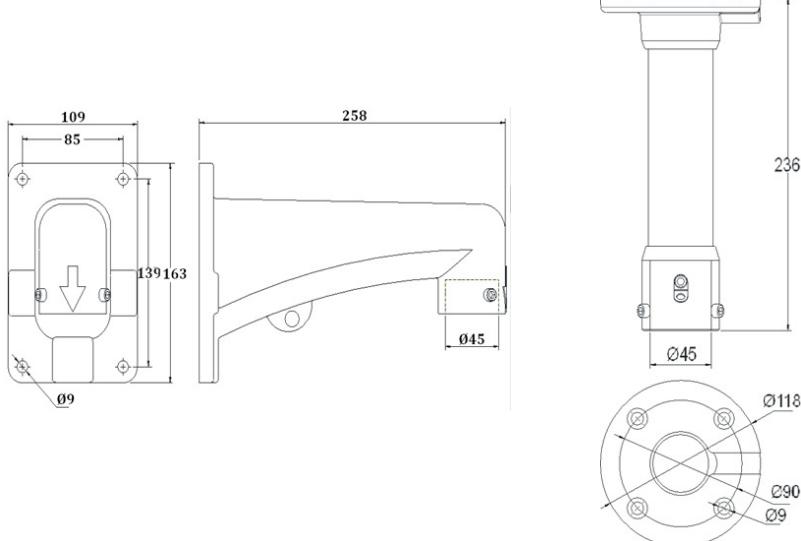
ATN200P-30L

2.0 Megapixel PTZ IP Camera
1080P Resolution

Specification

PTZ		Others	
Guard function	Link preset/scan/cruise/pattern	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Time task	Preset/scan/cruise/pattern/auto-tracking	IP address	Support static state IP address, DDNS
Motor	Hybrid high-accuracy stepless motor	OSD character	Support character, time and PTZ angle
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate	Authority	4 level, 128 users
Protocol	PELCO-P、PELCO-D	System clock	Build-in clock, support external synchronization
Heater	Auto	Remote management	Remote network upgrade
Auto demist	Support	Intelligent alarm	Motion detection, shield alarm, port alarm,
Others		General	
Intelligent analysis	Tripwire detection, Object lost&left behind detection	Protection level	IP66、TVS 4000V lightning protection
Auto-tracking	Support auto-tracking function, support alarm	Working temperature	-40°C ~ 60°C
IE browser	Support	Working humidity	0 ~ 95% (No condensation)
Mobile Client	Support iOS/Android/WindowsMobile ≤ 8	Power supply	AC24V 3A
		Power	50W MAX consumption

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 accuracy 0.05°
- 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		Interface	
Sensor	1.3MP 1/3" SONY Progressive CCD	API	Onvif2.0
Pixel	1.3Megapixel	Encode model	
Image resolution	Main code stream : 960P (1280×960) /720P (1280×720) Second code stream : D1 (704×576)	Core processor	Cortex-A9 SoC processor
Frame rate	<u>960P@15 F/S,720P@25 F/S</u>	Operating system	Embedded Linux
WDR	ON/OFF	Video compression	H.264/M-JPEG
Electronic shutter	1/25-1/100,000S	Audio compression	G.711/G.726/ADPCM
White balance	Auto/ Manual	Audio sample rate	64bit/sample
Exposure model	Auto/Manual/shutter priority/aperture priority/ brightness priority	Encode type	BaseLine Profile/Main Profile/High Profile optional
3D noise reduction	Support	Video compression	32K ~ 16M Bps
Mini. Illumination	IR-cut ON (1/30s) 1.8lx IR-cut OFF(1/4s) 0.02lx (1/4s) F1.6(W),50 IRE	code rate	
Day/Night	Auto(ICR)	Audio compression	8K ~ 48K Bps
Video parameter	set image brightness/contrast/saturation by IE	code rate	
Camera parameter	Manual adjustment by OSD menu	Transmission model	Dual stream
Lens		PTZ	
Focal length	18X (f=4.7-84.6mm)	Manual speed	0.05° ~ 400°/s (stepless speed)
Horizontal Field	55.2° (w) ~3.2° (t)	Max preset speed	400°/s
IR Function		Preset accuracy	± 0.05°
IR distance	150-180M	Horizontal rotation range	360° continuous rotation
IR Lens	14pcs Osram IR array LEDs	Vertical rotation range	-12°~90° auto flip
Interface		preset	255
Network interface	10M/100M, RJ45 interface	Auto scan	8
MicroSD Card	MicroSD (TF) Card (Max 32G) , support manual recording/alarm recording	Auto cruise	8
Audio interface	1-channel audio input & 1-channel audio output	Pattern tour	8 , each one with 180s memory or 300 orders
Alarm interface	8-channel alarm input & 2-channel alarm output	OSD menu	Support various languages, various functions & parameter adjustment.
Analog video	1.0V[p-p]/75 Ω , PAL or NTSC , BNC	3D Positioning	Support
		Power off memory function	Support



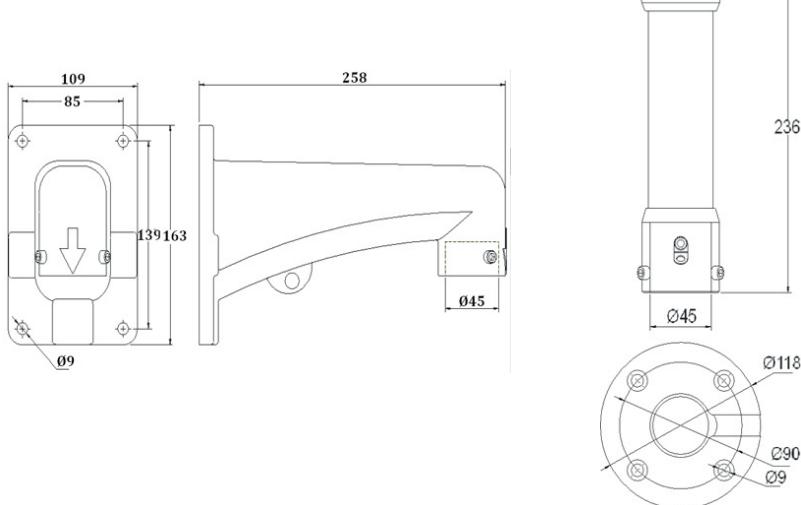
ATN130P-18H-IR

1.3 Megapixel IR PTZ IP Camera
960P Resolution

Specification

PTZ		Others	
Guard function	Link preset/scan/cruise/pattern	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Time task	Preset/scan/cruise/pattern/auto-tracking	IP address	Support static state IP address, DDNS
Motor	Hybrid high-accuracy stepless motor	OSD character	Support character, time and PTZ angle
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate	Authority	4 level, 128 users
Protocol	PELCO-P、PELCO-D	System clock	Build-in clock, support external synchronization
Heater	Auto	Remote management	Remote network upgrade
Wiper	Optional, it can be controlled remoted	Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking
Auto demist	Support	General	
Others		Protection level	IP66, TVS 4000V lightning protection
Intelligent analysis	Tripwire detection, Object lost&left behind detection	Working temperature	-40°C ~ 60°C
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model	Working humidity	0 ~ 95% (No condensation)
IE browser	Support	Power supply	AC24V 3A/DC24V 5A self-adaption
Mobile Client	Support iOS/Android/WindowsMobile ≤ 8	Power consumption	60W MAX

Accessory Dimensions





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 accuracy 0.05°
- 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		Encode model	
Sensor	1.3MP 1/3" SONY Progressive CCD	Core processor	Cortex-A9 SoC processor
Pixel	1.3Megapixel	Operating system	Embedded Linux
Image resolution	Main code stream : 960P (1280×960) /720P (1280×720) Second code stream : D1 (704×576)	Video compression	H.264/M-JPEG
Frame rate	<u>960P@15F/S,720P@25 F/S</u>	Audio compression	G.711/G.726/ADPCM
WDR	ON/OFF	Audio sample rate	64bit/sample
Electronic shutter	1/25-1/100,000S	Encode type	BaseLine Profile/Main Profile/High Profile optional
White balance	Auto/Manual	Video compression	32K ~ 16M Bps
Exposure model	Auto/Manual/shutter priority/aperture priority/brightness priority	code rate	
3D noise reduction	Support	Audio compression	8K ~ 48K Bps
Mini. Illumination	IR-cut ON(1/30s) 1.8Lux; IR-cut OFF(1/4s) 0.02Lux (1/4s) F1.6(W), 50 IRE	code rate	
Day/Night	Auto(ICR)	Transmission model	Dual stream
Video parameter	set image brightness/contrast/saturation by IE	PTZ	
Camera parameter	Manual adjustment by OSD menu	Manual speed	0.05° ~ 600°/s (stepless speed)
Lens		Max preset speed	600°/s
Focal length	18X (f=4.7-84.6mm)	Preset accuracy	± 0.05°
Horizontal Field	55.2° (w) ~3.2° (t)	Horizontal rotation range	360° continuous rotation
Interface		Vertical rotation range	-15°~195° auto flip
Network interface	10M/100M, RJ45 interface	preset	255
MicroSD Card	MicroSD (TF) Card (Max 32G) , support manual recording/alarm recording	Auto scan	8
Audio interface	1-channel audio input & 1-channel audio output	Auto cruise	8
Alarm interface	2-channel alarm input & 2-channel alarm output	Pattern tour	8 , each one with 180s memory or 300 orders
Analog video	1.0V[p-p]/75 Ω , PAL or NTSC , BNC	OSD menu	Support various languages, various functions & parameter adjustment.
API	Onvif2.0	3D Positioning	Support
		Power off memory function	Support



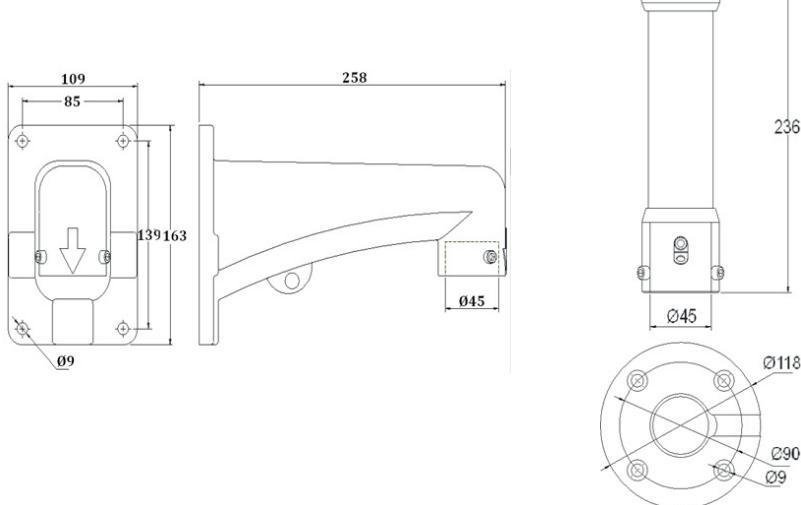
ATN130P-18H

1.3 Megapixel PTZ IP Camera
960P Resolution

Specification

PTZ		Others	
Guard function	Link preset/scan/cruise/pattern	Network protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTP/RTSP
Time task	Preset/scan/cruise/pattern/auto-tracking	IP address	Support static state IP address, DDNS
Motor	Hybrid high-accuracy stepless motor	OSD character	Support character, time and PTZ angle
Speed setup according to the focal distance,	Auto rotation speed adjust in accordance with the lens zoom rate	Authority	4 level, 128 users
Protocol	PELCO-P、PELCO-D	System clock	Build-in clock, support external synchronization
Heater	Auto	Remote management	Remote network upgrade
Auto demist	Support	Intelligent alarm	Motion detection, shield alarm, port alarm, intelligent analysis, auto-tracking
Others		General	
Intelligent analysis	Tripwire detection, Object lost&left behind detection	Protection level	IP66、TVS 4000V lightning protection
Auto-tracking	Support auto-tracking function, support alarm trigger tracking model	Working temperature	-40°C ~ 60°C
IE browser	Support	Working humidity	0 ~ 95% (No condensation)
Mobile Client	Support iOS/Android/WindowsMobile ≤ 8	Power supply	AC24V 3A
		Power consumption	50W MAX

Accessory Dimensions





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		Playback&Backup	
IP Camera Input	4ch 720P@3M / 4ch 1080P@4M	Playback Channel	4
Output	1 HDMI,1VGA,2 USB 2.0	Search Mode	Time/Date/Alarm
Voice Intercom	1channel 3.5mm interface	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)
Display		Backup Mode	Flash drive/USB HDD/ USB CD&DVD-RW/eSATA Device/Built-in SATA burner/Network
Display Split	1/4	Network	
Resolution	1920x1080,1280x720,1024x768	Ethernet	RJ-45 port(10/100M)
Tour Display	Support	Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Privacy Masking	Support	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.	Hard Disk	2SATA port,2HDDs, Up to 8 TB
Recording		Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
Video/Audio	H.264/ADPCM-DV14/G.711A/G.711U	HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Compression		Auxiliary Interface	
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)	USB Interface	2 USB2.0 ports for mouse control & backup
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P	RS232	Keyboard, PC communication
Recording Bit Rate	32~8192Kb/s,	RS485	PTZ control
Recording Quality	CBR, VBR	Environment	
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop	Power Supply	DC12V/5A
Recording Priority	Manual>Alarm>MD>Regular	Power Consumption	≤ 10W
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec	Working	—10°C - + 55°C/10%-90% RH
Detection&Alarm		Environment	
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.	Dimension	1U , 43.6mm×341mm×268mm
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)	Weight	≤ 4Kg(without HDD)
Video Loss&Camera	Support Blank		



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		Playback&Backup	
IP Camera Input	8ch 720P@3M / 8ch 1080P@4M	Playback Channel	8
Output	1 HDMI,1VGA,2 USB 2.0	Search Mode	Time/Date/Alarm
Voice Intercom	1channel 3.5mm interface	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)
Display		Backup Mode	
Display Split	1/4/8	Flash drive/USB HDD/ USB CD&DVD-RW/ eSATA Device/Built-in SATA burner/Network	
Resolution	1920x1080,1280x720,1024x768		
Tour Display	Support		
Privacy Masking	Support		
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.		
Recording		Network	
Video/Audio	H.264/ADPCM-DV14/G.711A/G.711U	Ethernet	RJ-45 port(10/100M)
Compression		Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P	Hard Disk	2SATA port,2HDDs, Up to 8 TB
Recording Bit Rate	32~8192Kb/s,	Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
Recording Quality	CBR, VBR	HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop	Auxiliary Interface	
Recording Priority	Manual>Alarm>MD>Regular	USB Interface	2 USB2.0 ports for mouse control & backup
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec	RS232	Keyboard, PC communication
Detection&Alarm		RS485	PTZ control
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.	Environment	
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)	Power Supply	DC12V/5A
Video Loss&Camera Blank	Support	Power Consumption	≤ 10W
		Working	—10°C - + 55°C/10%-90% RH
		Environment	
		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 Built-in/16ch camera side IVA
 8ch Alarm Input, 2ch Alarm Output, 1ch Audio Output
 2 SATA slots (Up to 8TB)

Specification

Video&Audio		Playback&Backup	
IP Camera Input	16ch 720P@3M / 16ch 1080P@4M	Playback Channel	4/8/16
Output	1 HDMI,1VGA,2 USB 2.0	Search Mode	Time/Date/Alarm
Voice Intercom	1channel 3.5mm interface	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)
Display		Backup Mode	Flash drive/USB HDD/ USB CD&DVD-RW/eSATA Device/Built-in SATA burner/Network
Display Split	1\4\9\16	Network	
Resolution	1920x1080,1280x720,1024x768	Ethernet	RJ-45 port(10/100M/1000M)
Tour Display	Support	Network Function	HTTP,TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Privacy Masking	Support	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.	Hard Disk	
Recording		Hard Disk	2SATA port,2HDDs, Up to 8 TB
Video/Audio	H.264/ADPCM-DV14/G.711A/G.711U	eSATA	1
Compression		Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)	HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P	Auxiliary Interface	
Recording Bit Rate	32~8192Kb/s,	USB Interface	2 USB2.0 ports for mouse control & backup
Recording Quality	CBR, VBR	RS232	Keyboard, PC communication
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop	RS485	PTZ control
Recording Priority	Manual>Alarm>MD>Regular	Environment	
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec	Power Supply	DC12V/5A
Video Detection&Alarm		Power Consumption	≤ 10W
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.	Working	—10°C - + 55°C/10%-90%RH
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)	Environment	
Video Loss&Camera Blank	Support	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 Built-in/16ch camera side IVA
 16ch Alarm Input, 4ch Alarm Output, 1ch Audio Output
 8 SATA slots (Up to 32TB)

Specification

Video&Audio		Playback&Backup	
IP Camera Input	16ch 720P@3M / 16ch 1080P@4M	Playback Channel	4/8/16
Output	2xHDMI,1VGA,2 USB 2.0	Search Mode	Time/Date/Alarm
Voice Intercom	1channel 3.5mm interface	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)
Display		Backup Mode	
Display Split	1\4\9\16	Flash drive/USB HDD/ USB CD&DVD-RW/ eSATA Device/Built-in SATA burner/Network	
Resolution	1920x1080,1280x720,1024x768		
Tour Display	Support		
Privacy Masking	Support		
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.		
Recording		Network	
Video/Audio	H.264/ADPCM-DV14/G.711A/G.711U	Ethernet	RJ-45 port(10/100M/1000M)
Compression		Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P	Hard Disk	
Recording Bit Rate	32~8192Kb/s,	Hard Disk	8SATA port, 8HDDs, Up to 32 TB
Recording Quality	CBR, VBR	eSATA	1
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop	Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
Recording Priority	Manual>Alarm>MD>Regular	HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec	Auxiliary Interface	
Video Detection&Alarm		USB Interface	3 USB2.0 ports for mouse control & backup
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.	RS232	Keyboard, PC communication
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)	RS485	PTZcontrol
Video Loss&Camera Blank	Support	Environment	
		Power Supply	AC220V,50Hz
		Power Consumption	≤ 44W
		Working	—10°C - + 55°C/10%-90%RH
		Environment	
		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 Built-in/32ch camera side IVA
 16ch Alarm Input, 4ch Alarm Output, 1ch Audio Output
 8 SATA slots (Up to 32TB)

Specification

Video&Audio		Playback&Backup	
IP Camera Input	32ch 720P@3M / 24ch 1080P@4M	Playback Channel	4/8/16
Output	2xHDMI,1VGA,1BNC,3USB 2.0	Search Mode	Time/Date/Alarm
Voice Intercom	1channel 3.5mm interface	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)
Display		Backup Mode	Flash drive/USB HDD/ USB CD&DVD-RW/eSATA Device/Built-in SATA burner/Network
Display Split	1\4\9\16	Network	
Resolution	1920x1080,1280x720,1024x768	Ethernet	RJ-45 port(10/100M/1000M)
Tour Display	Support	Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP search
OSD	Camera title, motion detection, recording, time. Video loss, camera lock.	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Recording		Hard Disk	
Video/Audio	H.264/ADPCM-DV14/G.711A/G.711U	Hard Disk	8SATA port, 8HDDs, Up to 32 TB
Compression		eSATA	1
Image Resolution	1080P (1920x1080)/720P(1280x720)/D1 (704x576)	Space Occupation	Audio:28.8MB/H, Video:56~3600MB/H
Encoding Speed	Max 480fps@D1 / 240fps@720P / 120fps@1080P	HDD Management	HDD Group , HDD hibernation technology , HDD faulty alarm
Recording Bit Rate	32~8192Kb/s,	Auxiliary Interface	
Recording Quality	CBR, VBR	USB Interface	3 USB2.0 ports for mouse control & backup
Recording Mode	Manual, Schedule(Regular(continuous),MD (Video detection: Motion detection, Camera Blank, Video Loss) Alarm), Stop	RS232	Keyboard, PC communication
Recording Priority	Manual>Alarm>MD>Regular	RS485	PTZcontrol
Recording Interval	10、20、30、60min , Pre-record:10~600 sec, Post-record:5~60sec	Environment	
Video Detection&Alarm		Power Supply	AC220V,50Hz
Trigger Events	Recording, PTZ movement, Tour, Alarm, FTP.	Power Consumption	≤ 44W
Motion Detection	Zones:396(22x18), Sensitivity:1~6 (Level 6 is highest)	Working	—10°C - + 55°C/10%-90%RH
Video Loss&Camera Blank	Support	Environment	
		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° - +50C°
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



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° - +50C°
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)



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

ATN IP Camera Can Work With Below System (Onvif)



The Open Platform Company



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