Full HD 1080P 2M IP Bullet Camera, Indoor/Outdoor



Future-proof Technology

The IP cameras series with mechanical IR cut and day/night capability supports color at day and black & white at night. This all-in-one-design camera series are very versatile. It supports PoE (Power over Ethernet), so there is no need for external power supply. Options of fixed lens, manual and zoom vari-focal are available for different environments. The outdoor model has IP66 Weather-proof protection housing.

It provides round-the-clock, high quality H.264 video with Internet Protocol. Its remote monitoring applications allow homeowners and businesses to view their camera(s) through any internet connection available through a computer or a 3G phone.



Features:

- 1/3" CMOS Progressive Scan
- Resolution of 1920x1080 @30fps
- PoE (IEEE802.3af, Power over Ethernet)
- True Day and Night (Mechanical IR Cut Filter, IR LED)
- Supports Manual Vari-Focal and Zoom lens
- H.264/MJPEG (SOC) dual-mode compression
- Alarm input x 1
- Two-way audio communication over IP networks
- Multi-streaming
- Built-in hardware motion detection
- Metal Aluminum housing
- Excellent heat dissipation
- User-friendly GUI and no configuration is required
- IP66 weather-proof protection housing
- Local SD Card Storage (optional)
- High power IR LED









Local SD Card Storage (optional)



Specification

Mode Outdoor(IP66) nCam-61136/xx nCam-61146/xx large Sensor 1/3° CMOS Progressive Scan Resolution & Rate 1920x1080 @30fps	Ind	oor	nCam-61134/xx	nCam-61144/xx		
Resolution & Rate		tdoor(IP66)	nCam-61136/xx	nCam-61146/xx		
Video Codec H.264/MJPEG hardware (SOC) compression Video Sitram H.264, Multiple Streams Video Bit Rate 30K-4M bps Sonstitivity 0.1 Lux @ F1.4 (IR LED off) / 0 Lux @ F1.4 (IR LED On) Sin Ratio > 41 dB Electronic Shutter 1/5 to 1/30000 sec. Flickeress Yes, 1/120 sec. (60Hz) 1/100 sec. (50Hz) Exposure Automatic Back Light Compensation Automatic Motion Detection Yes, 4 different areas (hardware) White Balance Automatic Motion Detection Yes, 4 different areas (hardware) Picture Resolution 1920x1080 Lens 3 mm - 10.5 mm 3 mm - 10.5 mm 3 mm - 10.5 mm Video Adjustment Contrast, Brightness, Saturation, Sharpness Lens 3 mm - 10.5 mm Video Adjustment Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 IR Sensitivity 700m to 1100mm IR Detance 20 meters GPIO Alarm in x 1 Control Interface Rys. (Audio In x1, Audio Out x1) <td colspan="2">Image Sensor</td> <td colspan="3">1/3" CMOS Progressive Scan</td>	Image Sensor		1/3" CMOS Progressive Scan			
Video Stream H.264, Multiple Streams Video Bit Rate 30K- 4M tips Sensitivity 0.1 Lux @ F1.4 (IR LED off) / 0 Lux @ F1.4 (IR LED On) Sin Ratio > 41 dB Electronic Shutter 1/5 to 1/30000 sec. Flickeress Yes, 1/120 sec. (60Hz) 1/100 sec. (50Hz) Exposure Automatic Back Light Compensation Automatic AGC Automatic White Belance Automatic Butth						
Video Bit Rate 30K- 4M bps Sensitivity 0.1 Lux @ F1.4 (IR LED off) / 0 Lux @ F1.4 (IR LED On) S/N Ratio > 41 dB Electronic Shutter 1/5 to 1/30000 sec. Flickeress Yes, 1/120 sec.(60Hz) 1/100 sec.(50Hz) Exposure Automatic Back Light Compensation Automatic AGC Automatic Molino Detection Yes, 4 different areas (hardware) Picture Resolution 1920x1080 Lens Manual Vari-Focal 3 mm ~ 10.5 mm Zoom Lens 3 mm ~ 10.5 mm 3 mm ~ 10.5 mm 3 mm ~ 10.5 mm 3 mm ~ 10.5 mm Video Adjustment Contrast, Brightness, Saturation, Sharpness Day/Night Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 IR Sensitivity 700nm to 1100nm IR Distance 20 meters 2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9.33 bit RISC Security 10 / Password Firmware Update Yes, Remotely Watch Dog Timer	Video Codec		H.264/MJPEG hardware (SOC) compression			
Sensitivity			H.264, Multiple Streams			
S/N Ratio	Video Bit Rate		30K- 4M bps			
Flickreins	Sensitivity		0.1 Lux @ F1.4 (IR LED off) / 0 Lux @ F1.4 (IR LED On)			
Flickeress	S/N Ratio		> 41 dB	> 41 dB		
Exposure			1/5 to 1/30000 sec.	1/5 to 1/30000 sec.		
Back Light Compensation Automatic White Balance Automatic White Balance Yes, 4 different areas (hardware) Picture Resolution 1920x1080 Lens Manual Vani-Focal 3mm - 10.5 mm Zoom Lens 3mm - 10.5 mm Jay/Night Yes, Mechanical IR Cut Filter Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 Yes, Mechanical IR Cut Filter IR Sensitivity 700nm to 1100nm Yes, Very Yes, Yes, Very Yes,	Flickeress		Yes, 1/120 sec.(60Hz) 1/100 sec	Yes, 1/120 sec.(60Hz) 1/100 sec.(50Hz)		
AGC Automatic White Balance Automatic Motion Detection Yes, 4 different areas (hardware) Picture Resolution 1920x1080 Lens Manual Vari-Focal 3 mm ~ 10.5 mm Zoom Lens 3 mm ~ 10.5 mm 3 mm ~ 10.5 mm 3 mm ~ 10.5 mm Video Adjustment Contrast, Brightness, Saturation, Sharpness DayNight Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 IR Sensitivity 700m to 1100nm IR Sensitivity 700m to 1100nm IR Sensitivity 700m to 1100nm IR Quitance 20 meters GPIO Alarm in x 1 Control Interface RS-485 2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9, 32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/IP, UDP, SMTP, FTP, PPDE, DHCP, DDNS, NTP, UPDP, RTSP/RTP, TMSP	Exposure		Automatic			
White Balance Automatic Motion Detection Yes, 4 different areas (hardware) Picture Resolution 1920x1080 Lens Manual Vari-Focal 3 mm ~ 10.5 mm Zoom Lens 3 mm ~ 10.5 mm Video Adjustment Contrast, Brightness, Saturation, Sharpness Day/Night Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 IR Sensitivity 700nm to 1100nm IR Distance 20 meters GPIO Alarm in x 1 Control Interface RS-485 2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9, 32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802,3af) or 12VDC Power Consumpton 90% with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°	·		Automatic	Automatic		
Motion Detection Yes, 4 different areas (hardware) Picture Resolution 1920x1080 Lens Manual Vari-Focal 3 mm ~ 10.5 mm 3 mm ~ 10.5 mm Video Adjustment Contrast, Brightness, Saturation, Sharpness Day/Night Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 IR Sensitivity 700nm to 1100nm IR Distance 20 meters GPIO Alarm in x 1 Control Interface RS-485 2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9, 32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPDE, DHC, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°T to 122°T Operating Humidity			Automatic	Automatic		
Picture Resolution	White Balance		Automatic	Automatic		
Lens Manual Vari-Focal 3 mm ~ 10.5 mm Zoom Lens 3 mm ~ 10.5 mm Video Adjustment Contrast, Brightness, Saturation, Sharpness Day/Night Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 IR Sensitivity 700nm to 1100nm IR Distance 20 meters GPIO Alarm in x 1 Control Interface RS-485 2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9 ,32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°T to 122°T Operating Temperature -10°C to 50°C, -22°F to 158°F Dimension (L x W x H) Indoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 207 x 83 x 80.5 mm <td>Motion Detection</td> <td>n</td> <td>Yes, 4 different areas (hardware)</td> <td></td>	Motion Detection	n	Yes, 4 different areas (hardware)			
Lens 3 mm ~ 10.5 mm 3 mm ~ 10.5 mm 3 mm ~ 10.5 mm Video Adjustment Contrast, Brightness, Saturation, Sharpness Day/Night Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 IR Sensitivity 700mm to 1100mm GPIO Alam in x 1 Control Interface RS-485 2-Way Audio Yes, Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9, 32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Time* Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPo	Picture Resolution		1920x1080			
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Day/Night Yes, Mechanical IR Cut Filter IR Led High Power IR LED x 2 IR Sensitivity 700nm to 1100nm IR Distance 20 meters GPIO Alarm in x 1 Control Interface RS-485 2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation Syster Linux Embedded Processor ARM 9, 32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirerent PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%-95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Lens		3 mm ~ 10.5 mm	3 mm ~ 10.5 mm		
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RR Sensitivity 700nm to 1100nm RR Distance 20 meters GPIO	Day/Night		Yes, Mechanical IR Cut Filter			
IR Distance 20 meters GPIO Alarm in x 1 Control Interface RS-485 2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9 ,32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operation Humidity 5%-95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Outdoor Camera Body: 193 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	IR Led		High Power IR LED x 2			
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Control Interface RS-485 2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9,32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%-95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Indoor Camera Body: 193 x 77 x 76 mm Aluminum Sunshield: 207 x 83 x 80.5 mm	IR Distance		20 meters	20 meters		
2-Way Audio Yes, (Audio In x1, Audio Out x1) Operation System Linux Embedded Processor ARM 9 ,32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Indoor Camera Body: 193 x 77 x 76 mm Aluminum Sunshield: 207 x 83 x 80.5 mm Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	GPIO		Alarm in x 1			
Operation System Linux Embedded Processor ARM 9 ,32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%-95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Indoor Camera Body: 193 x 77 x 76 mm Aluminum Sunshield: 207 x 83 x 80.5 mm Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Control Interface	е	RS-485	RS-485		
Processor ARM 9 ,32 bit RISC Security ID / Password Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operation Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%-95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	2-Way Audio		Yes, (Audio In x1, Audio Out x1)			
Security ID / Password Firmware Update	Operation System		Linux Embedded			
Firmware Update Yes, Remotely Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Processor		ARM 9 ,32 bit RISC	ARM 9 ,32 bit RISC		
Watch Dog Timer Yes Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Indoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Security		ID / Password	ID / Password		
Network Interface RJ-45 (10/100/1000 Base-TX) Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Firmware Updat	e	Yes, Remotely			
Protocol HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Watch Dog Time	er	Yes			
Power Requirement PoE (IEEE802.3af) or 12VDC Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Network Interface		RJ-45 (10/100/1000 Base-TX)			
Power Consumption 9W with Higher Power Led ON 9.5W with Higher Power Led ON Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%95% Storage -30°C to 70°C, -22°F to 158°F Dimension Indoor Camera Body: 193 x 77 x 76 mm Aluminum Sunshield: 207 x 83 x 80.5 mm (L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Protocol		HTTP, TCP/ IP, UDP, SMTP, FTP,	PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/RTP, TMSP		
Operating Temperature -10°C to 50°C, 14°F to 122°F Operation Humidity 5%95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Power Requirement		PoE (IEEE802.3af) or 12VDC	PoE (IEEE802.3af) or 12VDC		
Operation Humidity 5%-95% Storage -30°C to 70°C, -22°F to 158°F Dimension (L x W x H) Indoor Camera Body: 193 x 77 x 76 mm Aluminum Sunshield: 207 x 83 x 80.5 mm Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Power Consumption		9W with Higher Power Led ON	9.5W with Higher Power Led ON		
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Dimension	Operation Humi	dity	5%95%			
(L x W x H) Outdoor Camera Body: 210 x 77 x 76 mm Aluminum Sunshield: 237 x 83 x 80.5 mm	Storage		-30 $^{\circ}\!\mathbb{C}$ to 70 $^{\circ}\!\mathbb{C}$, -22 $^{\circ}\!\mathrm{F}$ to 158 $^{\circ}\!\mathrm{F}$			
Canada Boay: 2.10 x 17 x 10 mm. / Naminam Canada Boay x 00 x 0000 mm.	Dimension	Indoor	Camera Body: 193 x 77 x 76 mm	Aluminum Sunshield: 207 x 83 x 80.5 mm		
Cofficers CDV	(L x W x H)	Outdoor	Camera Body: 210 x 77 x 76 mm	Aluminum Sunshield: 237 x 83 x 80.5 mm		
Software Surk Available upon request	Software SDK		Available upon request			

TMSP: Telexper Multiple Stream Protocol (Specifications subject to change without prior notice)