

20116303

**3-inch 5MP Active Deterrence Network PTZ Camera** 



## **Key Features**

- 1/2.7" progressive scan CMOS, 5MP(2880×1620) @ 25/30fps
- 5x optical zoom,16x digital zoom
- Support face, human and vehicle detection and capture
- Support smoke and fire detection as well as smart motion detection
- Auto tracking and perimeter protection based on deep learning
- Intelligent analysis: intrusion, single line crossing, double line crossing, loitering, wrong way, illegal parking and people counting
- 3D DNR, WDR, ICR, Defog, Anti-shake
- Built-in Microphone and Speaker
- Smart Illumination, Up to 50 m (164 ft) IR and 30 m (98.4 ft) warm light distance
- Built-in SD card slot, up to 256GB
- IP66

## Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2880(H)×1620(V)
Electronic Shutter	Auto/Manual, 1/5~ 1/20,000s
Min. illumination	Color: 0.01 Lux @ (F1.6, AGC ON) B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with light
Day & Night	IR cut filter
Illumination Distance	IR distance up to 50 m (164.0 ft) Warm lights distance up to 30 m (98.4 ft)
Illuminator On/Off Control	Auto/Manual
Lens	
Focal Length	2.7 ~ 13.5mm
Max. Aperture	F1.66 ~ F3.03
Angle of View	H: 89.4° ~ 28.38°, V: 47.88° ~ 16.04°
Optical Zoom	5x
Digital Zoom	16x
Focus Control	Auto/Manual/Semi-automatic
РТΖ	
Pan/Tilt Range	Pan: 0° ~ 355° endless, Tilt: -15° ~ +90°
Pan Speed	Pan speed: 0.1° to 60°/s, preset speed: 60°/s
Tilt Speed	Tilt speed: 0.1° to 50°/s, preset speed: 50°/s
Presets	400
Patrol Scan	12 Patrol, up to 32 presets each patrol
Power-Off Memory	Support
3D Positioning	Support
3D Positioning PTZ Status Display	Support Support
	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can
PTZ Status Display	Support The time can be set (1-240 minutes), and functions
PTZ Status Display	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can
PTZ Status Display Idle Motion Video	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run.
PTZ Status Display Idle Motion Video Streaming Capability	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps
PTZ Status Display Idle Motion Video Streaming Capability Stream/Frame Rate	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps
PTZ Status Display Idle Motion Video Streaming Capability Stream/Frame Rate Bit Rate Control	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps
PTZ Status Display Idle Motion Video Streaming Capability Stream/Frame Rate Bit Rate Control Bit Rate Smart Encoder Region of Interest (ROI)	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps
PTZ Status Display Idle Motion Video Streaming Capability Stream/Frame Rate Bit Rate Control Bit Rate Smart Encoder Region of Interest (ROI) Image	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps~12Mbps Stream2: 100kbps~12Mbps Stream3: 100kbps~3Mbps Support Support
PTZ Status Display Idle Motion Video Streaming Capability Stream/Frame Rate Bit Rate Control Bit Rate Smart Encoder Region of Interest (ROI) Image Image Adjustment	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps~12Mbps Stream2: 100kbps~12Mbps Stream3: 100kbps~3Mbps Support Support Brightness, Sharpness, Contrast, Saturation
PTZ Status Display         Idle Motion         Video         Streaming Capability         Stream/Frame Rate         Bit Rate Control         Bit Rate         Smart Encoder         Region of Interest (ROI)         Image         Adjustment         Mirror	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps~12Mbps Stream2: 100kbps~12Mbps Stream3: 100kbps~3Mbps Stream3: 100kbps-3Mbps Support Support Brightness, Sharpness, Contrast, Saturation Support
PTZ Status Display Idle Motion Video Streaming Capability Stream/Frame Rate Bit Rate Control Bit Rate Smart Encoder Region of Interest (ROI) Image Image Adjustment Mirror Exposure Mode	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps-12Mbps Stream2: 100kbps-12Mbps Stream3: 100kbps-3Mbps Stream3: 100kbps-3Mbps Support Support Brightness, Sharpness, Contrast, Saturation Support Auto/Manual
PTZ Status Display         Idle Motion         Video         Streaming Capability         Stream/Frame Rate         Bit Rate Control         Bit Rate         Smart Encoder         Region of Interest (ROI)         Image         Adjustment         Mirror	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps~12Mbps Stream2: 100kbps~12Mbps Stream3: 100kbps~3Mbps Support Support Brightness, Sharpness, Contrast, Saturation Support Auto/Manual Auto/Manual
PTZ Status Display Idle Motion Video Streaming Capability Stream/Frame Rate Bit Rate Control Bit Rate Smart Encoder Region of Interest (ROI) Image Image Adjustment Mirror Exposure Mode	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps-12Mbps Stream2: 100kbps-12Mbps Stream3: 100kbps-3Mbps Stream3: 100kbps-3Mbps Support Support Brightness, Sharpness, Contrast, Saturation Support Auto/Manual
PTZ Status Display         Idle Motion         Video         Streaming Capability         Stream/Frame Rate         Bit Rate Control         Bit Rate         Smart Encoder         Region of Interest (ROI)         Image         Image Adjustment         Mirror         Exposure Mode         White Balance	Support The time can be set (1-240 minutes), and functions such as preset positions, patrols, scans, and tracks can be run. 3 Streams Stream1: 2880×1620, 2304×1296, 1920×1080, 1280×720 @ 25/30fps Stream2: D1, VGA, 640×360, CIF, QVGA @ 25/30fps Stream3: VGA, CIF, QVGA @ 25/30fps CBR/VBR Stream1: 200kbps~12Mbps Stream2: 100kbps~12Mbps Stream3: 100kbps~3Mbps Support Support Brightness, Sharpness, Contrast, Saturation Support Auto/Manual Auto/Manual

Intege EntitionationFree, EC2, Debug, PrivasianoWide Dynamic RangeTrue WDRSi/N Ratio50dBMotion DetectionSupport 40 zones, mask color configurableAutioSupport 40 zones, mask color configurableAutioSupport 1000000000000000000000000000000000000	Image Enhancement	HLC, BLC, Defog, Anti-shake
S/N Raio50dBMotion DetectionSupportPrivacy MaskingSupport 40 zones, mask color configurableAutioCompressionG.711: 8kbpsSmart FunctionSupport face, human, vehicle detection and capture DetectionIntelligent AnalysisIntrusion, Single line crossing, Double line crossing, (support the accurate detection of vehicle and human)Smoke and Fire DetectionSupportSmart MotionSupportSmart MarkingSupportSmart MarkingSupportSmart MarkingSupportSmart MarkingSupportActive DeterrenceSupportLight Warning Plash frequency: High, medium, low Sound warning alarm: Customizable voice and alarm Sound warning alarm: Customi	•	-
Motion DetectionSupportPrivacy MaskingSupport 40 zones, mask color configurableAudioCompressionG.711: 8kbpsSmart FunctionSupport face, human, vehicle detection and capture betectionIntelligent AnalysisIntrusion, Single line crossing, Double line crossing, (support the accurate detection of vehicle and human)Smoke and Fire DetectionSupportPeople CountingSupportSmart MotionSupportSmart MotionSupportSmart MotionSupportSmart MotionSupportActive DeterrenceEd and blue light warning Flash frequency: High, medium, low Sound warning alarm: Customizable voice and alarm Sound warning alarm: Customizable vo	, 0	
Privacy MaskingSupport 40 zones, mask color configurableAutioCompressionG.711: 8kbpsSmart FunctionSupport face, human, vehicle detection and capture betectionIntelligent AnalysisSupport face, human, vehicle detection of vehicle and human)Smoke and Fire DetectionSupportSmoke and Fire DetectionSupportSmart TackingSupportSmart TackingSupportSound Varning Presh frequency: High, medium, low Sound Warning alarm: Customizable voice and alarm soundsNetworkIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, coS, SMMP, 802.1X, UDP, ICMP, ARP, TLSProtocolsIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, coS, SMMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersInterface1 Ethernet (10/100 Base-T) R.J-45 ConnectorAudio InterfaceSupportBuilt-in MicrophoneSupportSupportSupportAarm Interface1 Ethernet (10/100 Base-T) R.J-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) R.J-45		
AudioCompressionG.711: 8kbpsSmart FunctionSupport face, human, vehicle detection and capture DetectionIntelligent AnalysisIntrusion, Single line crossing, Double line crossing, Cultering, Wrong way, Illegal parking, (support the accurate detection of vehicle and human)Smoke and Fire DetectionSupportSmart Motion DetectionSupportSmart TrackingSupportActive DeterrenceSupportLight Warning Flash frequency: High, medium, low Sound Warning alarn: Customizable voice and alarm soundsSound WarningPrevalency: High, medium, low Sound warning alarn: Customizable voice and alarm soundsNetworkIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, coS, SNMP, 8021X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersNetwork Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 ch Input, 1ch OutputBuilt-in MicrophoneSupportAudio Interface1 built-in, up to 256GBElectricalSupportPower ConsumptionLess than 7 WOperating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticIngress ProtectionIP68Certifications6138.×270.9 mm (#5.45.×10.67 inch)		
CompressionG.711: 8kbpsSmart FunctionMulti-ObjectionSupport face, human, vehicle detection and capture (support the accurate detection of vehicle and human)Intelligent AnalysisSupportSmoke and Fire DetectionSupportSmoke and Fire DetectionSupportSmoke and Fire DetectionSupportSmart Motion DetectionSupportSmart TrackingSupportSound VarningRed and blue light warning Flash frequency: High, medium, Iow Sound warning alarn: Customizable voice and alarn soundsSound VarningNetworkProtocolsIPV4, IPV6, TCP / IP, HTTP, MTTP5, NTSP / RTP / STCP, IGM / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodJucastMax. User Access10 UsersInterface1Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 Conn	, ,	Support 40 zones, mask color configurable
Smart FunctionMulti-Object DetectionSupport face, human, vehicle detection and capture intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, lilegal parking, (support the accurate detection of vehicle and human)Intelligent AnalysisSupportSmoke and Fire DetectionSupportPeople CountingSupportSmart TrackingSupportSmart TrackingSupportSound Warning Sound Warning Plash frequency: High, medium, low Sound Warning Sound Warning Sound Warning alarn: Customizable voice and alarm soundsNetworkIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<br="" firefox,="" microsoft=""></ie11,> Eanglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ch Input, 1ch OutputBuilt-in MicrophoneSupportSuportSuportAlarm Interface1 Ch Input, 1ch OutputBuilt-in SpeakerSuportOperating-30°C - 60°C (-22°F - 140 °F)Operating HumidityLess than 7 WOperating HumidityLess than 90% RHIngress ProtectionIP66Cerifi		•
Multi-Object DetectionSupport face, human, vehicle detection and capture intrusion, Single line crossing, Double line crossing, Coltering, Wrong way, Ilegal parking, (supportIntelligent AnalysisSupportSmoke and Fire DetectionSupportSmart TrackingSupportSmart TrackingSupportActive DeterrenceEdet and blue light warning Flash frequency: High, medium, lowSound WarningSound warning alarn: Customizable voice and alarn Sound warning alarn: Customizable voice and alarn Sound warning alarn: Customizable voice and alarn DDNS, OsS, SNMP, 802.1X, UDP, ICMP, ARP, TLSProtocolsIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, OsS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersVeb Viewer <ei11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chrinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishAution Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ch Input, 1ch OutputBuilt-in SpeakerSupportAlarn Interface1 SupportPower ConsumptionLess than ? WOperating HumidityLess than ? WOperating Humidity</ei11,>		G.711: 8kbps
DetectionSupport tace, numan, venicle detection and captureIntelligent AnalysisIntrusion, Single line crossing, Double line crossing, Cisupport the accurate detection of vehicle and human)Smoke and Fire DetectionSupportPeople CountingSupportSmart Motion DetectionSupportSmart TrackingSupportActive DeterrenceEde and blue light warning Flash frequency: High, medium, low Sound Warning alarm: Customizable voice and alarm Sound Warning alarm: Customizable voice and alarm SoundsNetworkIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, OS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageInfinite, firefox, Microsoft EdgeBuilt-in MicrophoneSupportAduido Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in MicrophoneSupportBuilt-in MicrophoneSupportPower ConsumptionLess than ?WOperating HumidityLess than ?W&lt;</ie11,>		
Intelligent AnalysisLoltering, Wrong way, Illegal parking, (support the accurate detection of vehicle and human)Smoke and Fire DetectionSupportPeople CountingSupportSmart TrackingSupportActive DeterrenceEdd and blue light warning Flash frequency: High, medium, low Sound Warning alarm: Customizable voice and alarm soundsSound WarningRed and blue light warning Flash frequency: High, medium, lowSound WarningSound warning alarm: Customizable voice and alarm soundsNetworkProtocolsIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SMMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersVeb Viewer <tl><tl><tl>English, Chinese, Polish, Italian, Portuguese, Spanish, Ramis, French, Zuch, Hungarian. Default: EnglishAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 SupportBuilt-In MicrophoneSupportBuilt-In MicrophoneSupportAlarm Interface1 SupportAlarm Interface1 Col 2V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C - 60°C (-22°F - 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDistoredSub, 20.20 mm (+6.548 × 10.67 inch)</tl></tl></tl>		
DetectionSupportPeople CountingSupportSmart Motion DetectionSupportSmart TrackingSupportActive DeterrenceEight Warning Flash frequency: High, medium, lowSound WarningSound warning alarm: Customizable voice and alarm soundsNetworkFrequency: High, medium, lowProtocolsIPv4, IPv4, TCP / IP, HTTP, HTTPS, RTSP / RTCP RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SMMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersVeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 SupportBuilt-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1 SupportPower SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDensitieSus any (-546×10.67 inch)</ie11,>	Intelligent Analysis	Loitering, Wrong way, Illegal parking,
Smart Motion DetectionSupportSmart TrackingSupportActive DeterrenceEd and blue light warning Flash frequency: High, medium, low Sound warning alarm: Customizable voice and alarm soundsSound WarningBed and blue light warning elight WarningSound WarningSound warning alarm: Customizable voice and alarm soundsNetworkIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, GoS, SMMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ch Input, 1ch OutputBuilt-in MicrophoneSupportAlarm Interface1 Ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalLees than ? WOperating Temperature30°C - 60°C (-22°F - 140 °F)Operating Temperature30°C - 60°C (-22°F - 140 °F)Operating TemperatureS0°C - 60°C (-22°F - 140 °F)Operating TemperatureIP66CertificationsCE/FCCCasingMetal + PlasticDises ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDises ProtectionIP68CertificationsCE/FCCCasing<!--</td--><td></td><td>Support</td></ie11,>		Support
DetectionSupportSmart TrackingSupportActive DeterrenceRed and blue light warning Flash frequency: High, medium, IowSound WarningSound varning alarm: Customizable voice and alarm soundsSound WarningSound varning alarm: Customizable voice and alarm soundsNetworkFrotocolsProtocolsIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishNetwork Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 ch Input, 1ch OutputBuilt-in MicrophoneSupportAlarm Interface1 ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectrical</ie11,>		Support
Active DeterrenceLight WarningRed and blue light warning Flash frequency: High, medium, IowSound WarningSound warning alarn: Customizable voice and alarm soundsNetworkProtocolsIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersVeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishNetwork Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ch Input, 1ch OutputBuilt-in MicrophoneSupportAlarm InterfaceSupportAlarm Interface1ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectrical</ie11,>		Support
Light WarningRed and blue light warning Flash frequency: High, medium, lowSound WarningSound warning alarm: Customizable voice and alarm soundsNetworkProtocolsIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageRussian, French, Czech, Hungarian. Default: English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishNetwork Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 SupportBuilt-in SpeakerSupportSD Card SlotBuilt-in, up to 256GBPower ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIF66CertificationsCE/FCCCasingMetal + PlasticNetwork Interface16418 + Plastic</ie11,>	Smart Tracking	Support
Light WarningFlash frequency: High, medium, lowSound WarningSound warning alarm: Customizable voice and alarm soundsNetworkIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportSD Card SlotBuilt-in, up to 256GBElectrical-Power SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F - 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions+138.8×270.9 mm (+5.46×10.67 inch)</ie11,>	Active Deterrence	
Sound WarningSound warning alarm: Customizable voice and alarm soundsNetworkProtocolsIP44, IP46, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SMMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorBuilt-in MicrophoneSupportBuilt-in SpeakerSupportBuilt-in SpeakerSupportPower SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating Temperature-30°C ~ 60°C (-22°F ~ 140°F)Operating TemperatureEE/FCCCasingMetal + PlasticDimensions+138.8×270.9 mm (+5.46×10.67 inch)</ie11,>	Light Warning	
ProtocolsIPv4, IPv6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportSD Card SlotBuilt-in, up to 256GBElectrical-So°C ~ 60°C (-22°F ~ 140 °F)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CasingMetal + PlasticDimensions+138.8×270.9 mm (\\$5.46×10.67 inch)</ie11,>	Sound Warning	Sound warning alarm: Customizable voice and alarm
ProtocolsRTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS,, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLSInteroperabilityONVIF, SDK, CGIStreaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ch Input, 1ch OutputBuilt-in SpeakerSupportSD Card SlotBuilt-in, up to 256GBElectrical</ie11,>	Network	
Streaming MethodUnicastMax. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalCl2V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C - 60°C (-22°F - 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CasingMetal + PlasticDimensions4138.8×270.9 mm (+65.46×10.67 inch)</ie11,>	Protocols	RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS,
Max. User Access10 UsersWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1 ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalPower SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions+138.8×270.9 mm (+5.46×10.67 inch)</ie11,>	Interoperability	ONVIF, SDK, CGI
Name conversionRecentWeb Viewer <ie11, chrome,="" edge<="" firefox,="" microsoft="" td="">LanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1 ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalElectricalPower SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions+138.8×270.9 mm (+5.46×10.67 inch)</ie11,>	Streaming Method	Unicast
Incern, one on a price on and price on and price on a pointLanguageEnglish, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalDC12V/POE+ (IEEE 802.3at)Power SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CasingMetal + PlasticDimensions+138.8×270.9 mm (+5.46×10.67 inch)	Max. User Access	10 Users
LanguageRussian, French, Czech, Hungarian. Default: EnglishInterface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1 ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1 ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalDC12V/POE+ (IEEE 802.3at)Power SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CasingMetal + PlasticDimensions+ 138.8×270.9 mm (+ 5.46×10.67 inch)	Web Viewer	<ie11, chrome,="" edge<="" firefox,="" microsoft="" td=""></ie11,>
InterfaceNetwork Interface1 Ethernet (10/100 Base-T) RJ-45 ConnectorAudio Interface1ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CasingMetal + PlasticDimensions+138.8×270.9 mm (+5.46×10.67 inch)	Language	
Audio Interface1ch Input, 1ch OutputBuilt-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalDC12V/POE+ (IEEE 802.3at)Power SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions+138.8×270.9 mm (+5.46×10.67 inch)	Interface	Russian, French, Gzech, Hunganan. Deraut. English
Built-in MicrophoneSupportBuilt-in SpeakerSupportAlarm Interface1ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalDC12V/POE+ (IEEE 802.3at)Power SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CasingMetal + PlasticDimensions $\phi$ 138.8×270.9 mm ( $\phi$ 5.46×10.67 inch)	Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Built-in SpeakerSupportAlarm Interface1ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalPower SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions+138.8×270.9 mm (+5.46×10.67 inch)	Audio Interface	1ch Input, 1ch Output
Alarm Interface1ch Input, 1ch OutputSD Card SlotBuilt-in, up to 256GBElectricalPower SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions+ 138.8 × 270.9 mm (+ 5.46 × 10.67 inch)	Built-in Microphone	Support
SD Card SlotBuilt-in, up to 256GBElectricalPower SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions+ 138.8×270.9 mm (+ 5.46×10.67 inch)	Built-in Speaker	Support
Electrical       Power Supply     DC12V/POE+ (IEEE 802.3at)       Power Consumption     Less than ? W       Operating Temperature     -30°C ~ 60°C (-22°F ~ 140 °F)       Operating Humidity     Less than 90% RH       Ingress Protection     IP66       Certifications     CE/FCC       Casing     Metal + Plastic       Dimensions     \u00e9138.8×270.9 mm (\u00e95.46×10.67 inch)	Alarm Interface	1ch Input, 1ch Output
Power SupplyDC12V/POE+ (IEEE 802.3at)Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions $\phi$ 138.8×270.9 mm ( $\phi$ 5.46×10.67 inch)	SD Card Slot	Built-in, up to 256GB
Power ConsumptionLess than ? WOperating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions+ 138.8 × 270.9 mm (+ 5.46 × 10.67 inch)	Electrical	
Operating Temperature-30°C ~ 60°C (-22°F ~ 140 °F)Operating HumidityLess than 90% RHIngress ProtectionIP66CertificationsCE/FCCCasingMetal + PlasticDimensions $\phi$ 138.8×270.9 mm ( $\phi$ 5.46×10.67 inch)	Power Supply	DC12V/POE+ (IEEE 802.3at)
Temperature     -30°C ~ 60°C (-22°F ~ 140°F)       Operating Humidity     Less than 90% RH       Ingress Protection     IP66       Certifications     CE/FCC       Casing     Metal + Plastic       Dimensions     \$ 138.8 × 270.9 mm (\$ 5.46 × 10.67 inch)	Power Consumption	Less than ? W
Ingress Protection     IP66       Certifications     CE/FCC       Casing     Metal + Plastic       Dimensions     \u03b2138.8\times270.9 mm (\u03b25.46\times10.67 inch)		-30°C ~ 60°C (-22°F ~ 140 °F)
Certifications     CE/FCC       Casing     Metal + Plastic       Dimensions     \$\$138.8\$\text{270.9} mm (\$\$5.46\$\text{10.67 inch})\$	Operating Humidity	Less than 90% RH
Casing     Metal + Plastic       Dimensions     φ138.8×270.9 mm (φ5.46×10.67 inch)	Ingress Protection	IP66
Dimensions         φ 138.8×270.9 mm (φ 5.46×10.67 inch)	Certifications	CE/FCC
	Casing	Metal + Plastic
Net Weight	Dimensions	$\varphi$ 138.8 $\times$ 270.9 mm ( $\varphi$ 5.46 $\times$ 10.67 inch)
	Net Weight	

## **Dimensions (mm)**



