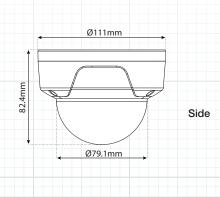
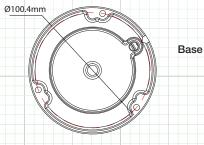
Northern*

3.0 Megapixel IP Outdoor IR Dome Camera POE, Full HD 1080P, 2.8mm IR Lens, DWDR, 100' IR, IP66





SPECIFICATIONIP3DImage Sensor1/3" progressive scan CMOSMinimum Illumination0.095 lux@ F1.4, AGC on / 0 lux with IRIRLED Count / Range / Nanometer30 IR LEDS / 100 Range / 850nmShutter Time1/30s ~ 1/100,000sLens (IR Corrective)2.8mm @ F2.0, angle of view: 95.8"Lens (IR Corrective)2.8mm @ F2.0, angle of view: 95.8"Lens MountФ 14Camera Bracket Adjustment3-Axis DesignDay & NightYes - ICR Filter with Auto SwitchDNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536, 301ps (1280 x 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerICP/IP, HTTP, DHCP, DNS, DDS, RTP, RTSP, PPP6, SMTP, NTP, UPR, ICMPJGMPSNMP, TP, 802, 1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity Functions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing ColorMitePower ConsumptionMax, SW with ICR onWeight12 VDC ± 10%, PC (802.3af)Power ConsumptionMax, SW with ICR onWeightSo0g (1.1bs) <th></th> <th></th>		
Minimum Illumination0.095 lux@ F1.4, AGC on / 0 lux with IRIRLED Count / Range / Nanometer30 IR LEDs / 100' Range / 850nmShutter Time1/30s ~ 1/100,000sLens (IR Corrective)2.8mm @ F2.0, angle of view: 95.8°Lens Mount0 14Camera Bracket Adjustment3-Axis DesignDay & NightYes - ICR Filter with Auto SwitchDNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 x 1536), 30fps (1280 x 20)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPNP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGIOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing ColorWhitePower Supply12 VDC ± 10%, PGE (802.3af)Power GonsupptionMax. SW with ICR onWeatherproof RatingIP66Dimensions0 111 x 82 mm (0 4.4* x 3.2°)WeightS00g (1.1bs)	SPECIFICATION	IP3D
IRLED Count / Range / Nanometer30 IR LEDs / 100' Range / 850nmShutter Time1/30s ~ 1/100,000sLens (IR Corrective)2.8mm @ F2.0, angle of view: 95.8°Lens Mount0 14Camera Bracket Adjustment3-Axis DesignDay & NightYes - ICR Filter with Auto SwitchDNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536, 30fps (1920 x 180), 30fps (1280 x 20)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibileAlarm TriggerMotion detection, tampeng alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IR, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPRP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing GolorWhitePower ConsumptionMax.SW with ICR on Weatherproof RatingPower GonsumptionMax.SW with ICR on <td>Image Sensor</td> <td>1/3" progressive scan CMOS</td>	Image Sensor	1/3" progressive scan CMOS
Shutter Time1/30s ~ 1/100,000sLens (IR Corrective)2.8mm @ F2.0, angle of view: 95.8°Lens Mount0 14Camera Bracket Adjustment3-Axis DesignDay & NightYes - ICR Filter with Auto SwitchDNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MUPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP Address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DNS, RTP, RTSP, PPPOE, SMP, NTP, 	Minimum Illumination	0.095 lux@ F1.4, AGC on / 0 lux with IR
Lens (IR Corrective)2.8mm @ F2.0, angle of view: 95.8"Lens MountΦ 14Camera Bracket Adjustment3-Axis DesignDay & NightYes - ICR Filter with Auto SwitchDNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps - 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate30fps (1920 x 1080), 30fps (1280 x 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibileAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage error TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPE, SMTP, NTP, UPP, ICMPJGMP, FTP, 802, 1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 R45 10M / 100M ethernet portOperating Conditions-30°C < 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower ConsumptionMax. SW with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	IRLED Count / Range / Nanometer	30 IR LEDs / 100' Range / 850nm
Lens MountΦ 14Camera Bracket Adjustment3-Axis DesignDay & NightYes - ICR Filter with Auto SwitchDNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerICP/IP, HTTP, DHCP, DNS, DDNS, RTP, STP, PPPOE, SMTP, NTP, UPP, ICMP[GMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity Functions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty Aluminum Housing ColorHousing MaterialHeavy Duty AluminumHousing ColorWhite Power SupplyPower Supply12 VDC ± 10%, PoE (802.3af)Power Supply12 VDC ± 10%, PoE (802.3af)Power Supply12 NDC ± 10%, PoE (802.3af)Power Sup	Shutter Time	1/30s ~ 1/100,000s
Camera Bracket Adjustment3-Axis DesignDay & NightYes - ICR Filter with Auto SwitchDNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPNP, ICMPJGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity Functions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhite Power ConsumptionMeateringI2 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. SW with ICR onWeatherproof RatingIP66Dimensions Φ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Lens (IR Corrective)	2.8mm @ F2.0, angle of view: 95.8°
Day & NightYes - ICR Filter with Auto SwitchDNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DNS, RTP, RTSP, PPPOE, SMTP, NTP, UPR, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUsera authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power Supp	Lens Mount	Ф 14
DNR (Digital Noise Reduction)3D DNRWDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPRP, ICMP;IGMP;SMMP, FTB, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsLisream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power Supply12 VDC ± 10%, PoE (802.3af)Power GonsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Camera Bracket Adjustment	3-Axis Design
WDR (Wide Dynamic Range)Digital WDRBLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate30 fps (1920 × 1080), 30 fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPRP, ICMP, IGMP, SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGIOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower ConsumptionMax. 5W with ICR onWeatherproof RatingIP66Dimensions\$00 (1.1bs)	Day & Night	Yes - ICR Filter with Auto Switch
BLC (Backlight Compensation)Yes, Zone ConfigurableOn-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66Dimensions\$ 111 x 82 mm (Ф 4.4" x 3.2")Weight500g (1.1bs)	DNR (Digital Noise Reduction)	3D DNR
On-board storageBuilt-in Micro SD/SDHC/SDXC card slot, up to 64 GBVideo CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RI45 10M / 100M ethernet portOperating Conditions30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66Dimensions Φ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	WDR (Wide Dynamic Range)	Digital WDR
Video CompressionH.264 / MJPEGH.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, FSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RI45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, POE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66Dimensions\$00 (1.1bs)	BLC (Backlight Compensation)	Yes, Zone Configurable
H.264 Codec ProfileMain ProfileBit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RU45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4″ x 3.2″)Weight500g (1.1bs)	On-board storage	Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB
Bit Rate32 Kbps ~ 16 MbpsDual StreamingYesMaximum Image Resolution2048 × 1536Frame Rate60Hz: 15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty Aluminum Housing ColorHower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR on Weatherproof RatingWeight500g (1.1bs)	Video Compression	H.264 / MJPEG
Dual StreamingYesMaximum Image Resolution2048 × 1536Frame Rate60Hz: 15fps (2048 × 1536), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, Pc (802.3af)Power ConsumptionMax.5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	H.264 Codec Profile	Main Profile
Maximum Image Resolution2048 x 1536Frame Rate60Hz: 15fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof Rating0 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Bit Rate	32 Kbps ~ 16 Mbps
Frame Rate60Hz: 15fps (2048 × 1536), 30fps (1920 × 1080), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPOE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66Dimensions0 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Dual Streaming	Yes
Frame Kate30fps (1920 × 1080), 30fps (1280 × 720)Image settingsSaturation, brightness, contrast adjustable through client software or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Maximum Image Resolution	2048 x 1536
Image settingssoftware or web browserNetwork StorageCompatibleAlarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Frame Rate	
Alarm TriggerMotion detection, tampering alarm, network disconnect, IP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof Rating0 111 x 82 mm (Φ 4.4″ x 3.2″)Weight500g (1.1bs)	Image settings	
AlarminggerIP address conflict, storage full, storage errorProtocolsTCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof Rating0 1111 x 82 mm (Φ 4.4″ x 3.2″)Weight500g (1.1bs)	Network Storage	Compatible
ProtocolsUPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPSSystem CompatibilityONVIF, PSIA, CGISecurity FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof Rating0 1111 x 82 mm (Φ 4.4″ x 3.2″)Weight500g (1.1bs)	Alarm Trigger	
Security FunctionsUser authentication, reset button, dual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof Rating0 111 x 82 mm (Φ 4.4″ x 3.2″)Weight500g (1.1bs)	Protocols	
Security Functionsdual stream, watermarkCommunication Interface1 RJ45 10M / 100M ethernet portOperating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	System Compatibility	ONVIF, PSIA, CGI
Operating Conditions-30°C ~ 60°C (-22°F ~ 140°F) humidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4″ x 3.2″)Weight500g (1.1bs)	Security Functions	
Operating Conditionshumidity 95% or less (non-condensing)Housing MaterialHeavy Duty AluminumHousing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Communication Interface	1 RJ45 10M / 100M ethernet port
Housing ColorWhitePower Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Operating Conditions	· · · · · · · · · · · · · · · · · · ·
Power Supply12 VDC ± 10%, PoE (802.3af)Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Housing Material	Heavy Duty Aluminum
Power ConsumptionMax. 5W with ICR onWeatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Housing Color	White
Weatherproof RatingIP66DimensionsΦ 111 x 82 mm (Φ 4.4" x 3.2")Weight500g (1.1bs)	Power Supply	12 VDC ± 10%, PoE (802.3af)
Dimensions Φ 111 x 82 mm (Φ 4.4" x 3.2") Weight 500g (1.1bs)	Power Consumption	Max. 5W with ICR on
Weight 500g (1.1bs)	Weatherproof Rating	IP66
	Dimensions	Φ 111 x 82 mm (Φ 4.4″ x 3.2″)
Certifications UL / CUL	Weight	500g (1.1bs)
	Certifications	UL / CUL



FEATURES

- Full HD 1080p / 720p Real Time Video
- Up to 2048 x 1536 Resolution (15FPS)
- POE Power over Ethernet
- Free CMS & IP Server Software
- SD-Card Slot (card sold separately)
- 2.8mm Wide Angle IR Lens
- Digital Wide Dynamic Range
- Digital Noise Reduction
- Mechanical IR Cut Filter
- 30 IR LED's 100' IR Range
- ONVIF / PSIA / CGI Compliant
- ♦ IP66 Weatherproof
- ♦ UL/CUL Certified

INCLUDED ACCESSORIES

1. Quick Guide

Specification subject to change without notice

Note:

- 1. Software Disk
- 1. Mounting Plate
- 1. Mounting Template & Hardware Packet
- 1. L-Style Wrench

CAMERA

Northern*

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