





TNO-6322ER

2MP Explosion-proof Camera







Key Features

- Max. 2MP (1920 x 1080) resolution
- H: 61.8-(Wide)~2.19-(Tele) / V: 36.2-(Wide)~1.24-(Tele) Field of View
- Max. 60fps/50fps (60Hz/50Hz)
- H.265, H.264, MJPEG codec, WiseStream II
- IR viewable length 70m
- Day & Night (Auto ICR), WDR (120dB)
- Explosion-proof certificate: IECEx, ATEX, KCs, PESO
- Stainless 316L, Built-in wiper
- IP67, IK10

Compatible Devices







SBE-100WM

SBE-100B

SBE-100PM



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2MP Explosion-proof Camera







Specifications

| Video | |
|--|---|
| riaco | |
| maging Device | 1/2.8" CMOS |
| Resolution | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate | H.265/H.264: Max. 60fps/50fps(60Hz/50Hz) MJPEG: Max. 30fps/25fps(60Hz/50Hz) |
| Min. Illumination | Color: 0.05Lux(F1.6, 1/30sec) BW: 0.005Lux(F1.6, 1/30sec), OLux(IR LED on) |
| Lens | |
| Focal Length (Zoom Ratio) | 4.44~142.6mm(32x) zoom |
| Max. Aperture Ratio | F1.6(Wide)~F4.4(Tele) |
| Angular Field of View | H: 61.8-(Wide)~2.19-(Tele) / V: 36.2-(Wide)~1.24-(Tele) |
| Min. Object Distance | Wide 1.5m, Tele 2m |
| Focus Control | Oneshot AF |
| Lens Type | DC auto iris |
| Pan / Tilt / Rotate | |
| Tilt Range | 35°~90° |
| Operational | |
| | |
| Camera Title | Displayed up to 85 characters |
| Camera Title Direction Indicator | Support |
| | |
| Direction Indicator | Support |
| Direction Indicator Day & Night | Support Auto(ICR) |
| Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range | Support Auto(ICR) BLC, HLC, WDR, SSDR |
| Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range Digital Noise Reduction | Support Auto(ICR) BLC, HLC, WDR, SSDR 120dB |
| Direction Indicator Day & Night Backlight Compensation | Support Auto(ICR) BLC, HLC, WDR, SSDR 120dB SSNR V |
| Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range Digital Noise Reduction Digital Image Stabilization Defog | Support Auto(ICR) BLC, HLC, WDR, SSDR 120dB SSNR V Support |
| Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range Digital Noise Reduction Digital Image Stabilization Defog Motion Detection | Support Auto(ICR) BLC, HLC, WDR, SSDR 120dB SSNR V Support Support |
| Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range Digital Noise Reduction Digital Image Stabilization Defog Motion Detection Gain Control | Support Auto(ICR) BLC, HLC, WDR, SSDR 120dB SSNR V Support Support Support 8ea, 8point polygonal zones |
| Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range Digital Noise Reduction Digital Image Stabilization Defog Motion Detection Gain Control White Balance | Support Auto(ICR) BLC, HLC, WDR, SSDR 120dB SSNR V Support Support Support Support Low / Middle / High |
| Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range Digital Noise Reduction Digital Image Stabilization | Support Auto(ICR) BLC, HLC, WDR, SSDR 120dB SSNR V Support Support Support Support At W / AWC / Manual / Indoor / Outdoor |
| Direction Indicator Day & Night Backlight Compensation Wide Dynamic Range Digital Noise Reduction Digital Image Stabilization Defog Motion Detection Gain Control White Balance Electronic Shutter Speed | Support Auto(ICR) BLC, HLC, WDR, SSDR 120dB SSNR V Support Support Support Support ATW / AWC / Manual / Indoor / Outdoor Minimum / Maximum / Anti flicker (1~1/12,000sec) Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, |



| Audio Out Line out, Max. output level: 1 Vrms R Viewable Length 70m (229, 66ft) Water Removal Support (with Wiper) Network Ethernet RJ-45 (10/100BASE-T) Video Compression H, 265/H, 264: Main/Baseline/High, MJPEG Audio Compression H, 265/H, 264: Main/Baseline/High, MJPEG Audio Compression G, 2714 II-law (6, 726, 54lectable G, 72 | Alarm Events | File upload via FTP and e-mail Notification via e-mail NAS recording at event triggers Alarm output Zoom Preset |
|--|-----------------------------------|---|
| IR Viewable Length 70m (229.46ft) Water Removal Support (with Wiper) Network Ethernet RJ-45 (10/100BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression G.7214 (10 May G. 726 Selectable G. 726 (ADPCM) Budet G. 721 SWHz G. 726 Selectable G. 726 (ADPCM) Budet G. 721 SWHz G. 726 Selectable G. 726 (ADPCM) Budet G. 721 SWHz G. 726 Selectable G. 726 (ADPCM) Budet G. 721 SWHz G. 726 Selectable G. 726 (ADPCM) Budet G. 721 SWHz G. 726 Selectable G. 727 Selectable G. 727 Selectable G. 727 Selectable G. 726 | Audio In | |
| Water Removal Support (with Wiper) Network Ethernet RJ-45 (10/100BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression G.721 Leaver (2.726 Selectable of 7.726 Se | Audio Out | Line out, Max.output level: 1Vrms |
| Network Ethernet RJ-45 (10/100BASE-T) Video Compression H 265/H 264: Main/Baseline/High, MJPEG Audio Compression G.711 u-law /G.726 Selectable G.726 (ADPCM) 8Hz G.726 Selectable G.726 Selectab | IR Viewable Length | 70m (229.66ft) |
| Ethernet RJ-45 (10/100BASE-T) Video Compression H.265/H.264: Main/Baseline/High, MJPEG Audio Compression G.711 u-law (6.726 Selectable G.726/ADPCH) BKH/12 G.712 is KH/12 G.726: 14Khps, 24Khps, 24K | Water Removal | Support (with Wiper) |
| Number | Network | |
| Audio Compression G.711 u-law /G.726 Selectable G.726(ADPCM) BKHz, G.711 BKHz G.726 146/bps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz Bitrate Control Manual(Sea area), WiseStream II Bitrate Control H.264/H.265: CBR or VBR MJPEG: VBR Streaming Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles) Protocol IPA, IPA, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SMMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QOS, PIM-SM, UPnP, Bonjour Security HTTPS(SSL) login authentication Ipgest login authentication Ipgest login authentication Ipgest login authentication Ipgest login authentication User access log ROUNEP Forlie S/G/T SUNAPI(HTTP API) Wissenet open platform General Webpage Language General Freith G. Schaff Flash Environmental & Electrical Operating Temperature / Humidity IR Off: ~40°C-+60°C(-40°F ~+140°F) / Less than 95% RH IR On: ~40°C-+55°C(-40°F ~+131°F) / Less than 95% RH IR On: ~40°C-+60°C(-22°F ~+140°F) / Less than 95% RH Storage Temperature / Humidity IR Off: ~40°C-+60°C(-40°F ~+140°F) / Less than 95% RH Certification EIECEA, ATEX, KCS, KC, CE IPG7, IK10, PESO certified Input Voltage 24VAC Mechanical Metalic Silver / Stainless 316L | Ethernet | RJ-45 (10/100BASE-T) |
| G.726(ADPCM) BKHz, G.711 BKHz G.726 146Nbs, 24Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz Smart Codec Manual(5ea area), WiseStream II Bitrate Control H.264/H.2655 CBR or VBR M.PEG: VBR Streaming Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles) Protocol IP44, IP46, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP.RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SMMPPu/A/2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour HTTPS(SSL) login authentication IP address filtering User access log B02.1X authentication IP address filtering User access log B02.2 IX authentication(EAP-TLS, EAP-LEAP) Application Programming Interface ONVIP Profile S/G/T SUNAPI(HTTP AP) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Memory 1024MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity IR Off: -40°C-+60°C(-40°F - +140°F) / Less than 95% RH IR On: -40°C-+55°C(-40°F - +131°F) / Less than 95% RH Storage Temperature / Humidity -30°C-+60°C(-22°F - +140°F) / Less than 95% RH Certification IECEA, ATEX, K.C.s. K.C. C.E. IP67, IKI.0, PESO certified Input Voltage 24VAC Mechanical Metalic Silver / Stainless 316L | Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Bitrate Control H.264/H.265: CBR or VBR MJPE6: VBR Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles) Protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP(IDP), RTE(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, SMMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour HTTPS(SSL) login authentication Digest login authentication Digest login authentication User access log 802.1X authentication(EAP-TLS, EAP-LEAP) Application Programming Interface ONVIF Profile S/G/T SUNAP(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Memory 1024MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity IR Off: ~40°C~+60°C(-40°F ~+140°F) / Less than 95% RH IR On: ~40°C~+60°C(-22°F ~+140°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F ~+140°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F ~+140°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F ~+140°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F ~+140°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F ~+140°F) / Less than 95% RH Metalication Metalic Silver / Stainless 316L | Audio Compression | G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps |
| MyPEG: VBR Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles) Protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP(IUDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SMMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour Security HTTPS(SSL) login authentication | Smart Codec | Manual(5ea area), WiseStream II |
| Multiple streaming(Up to 10 profiles) Protocol P.V.4, IP-6, TCP/IP, UDP/IP, RTP(UDP), RTCP, RTSP, NTP, HTTP, SSL/TLS, DHCP, FTP, SMTP, IGMP, SMMP2I/V2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour Security HTTPS(SSL) login authentication Pladdress filtering User access log 802.1X authentication Pladdress filtering User access log 802.1X authentication (EAP-TLS, EAP-LEAP) Application Programming Interface ONVIF Profile 5/G/T SUNAPI(HTTP API) Wisenet open platform General Page English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering User access log Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Pladdress filtering Russian, Swedish, Portuguese, Czech, Pladdress filtering Pladdress filtering Russian, Swedish, Portuguese, Czech, Pladdress filtering | Bitrate Control | |
| SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour HTTPS(SSL) login authentication Digest login authentication P address filtering User access log 802.1X authentication(EAP-TLS, EAP-LEAP) Application Programming Interface ONVIF Profile S/G/T SUNAPI(HTTP AP) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Memory 1024MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity IR Off: -40°C-+60°C(-40°F - +140°F) / Less than 95% RH IR On: -40°C-+55°C(-40°F - +131°F) / Less than 95% RH Storage Temperature / Humidity -30°C+60°C(-22°F - +140°F) / Less than 95% RH Eretification ECEX, ATEX, KC, KC, CE P67, IKI3.0 PESO certified Input Voltage 24VAC Power Consumption Metalic Silver / Stainless 316L | Streaming | |
| Digest login authentication IP address filtering User access log 802.1X authentication(EAP-TLS, EAP-LEAP) Application Programming Interface ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Memory 1024MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity IR Off: -40°C-+60°C(-40°F - +140°F) / Less than 95% RH IR On: -40°C-+55°C(-40°F - +131°F) / Less than 95% RH Storage Temperature / Humidity -30°C-+60°C(-22°F - +140°F) / Less than 95% RH Certification IECEX, ATEX, KCs, KC, CE IP67, IK10, PESO certified Input Voltage 24VAC Power Consumption Metalic Silver / Stainless 316L | Protocol | |
| SUNAPI(HTTP API) Wisenet open platform General Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Memory 1024MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity IR Off: ~40°C~+60°C(-40°F~+140°F) / Less than 95% RH IR On: ~40°C~+55°C(-40°F~+131°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F~+140°F) / Less than 95% RH Certification IP67, IK10, PESO certified Input Voltage 24VAC Power Consumption 24VAC: Max. 45W Mechanical Color / Material Metalic Silver / Stainless 316L | Security | Digest login authentication IP address filtering User access log |
| Webpage Language English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek Memory 1024MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity IR Off: -40°C~+60°C(-40°F~+140°F) / Less than 95% RH IR On: -40°C~+55°C(-40°F~+131°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F~+140°F) / Less than 95% RH Certification IECEX, ATEX, KCs, KC, CE IP67, IK10, PESO certified Input Voltage 24VAC Power Consumption Mechanical Color / Material Metalic Silver / Stainless 316L | Application Programming Interface | SUNAPI(HTTP API) |
| Czech, Polish, Turkish, Dutch, Hungarian, Greek Memory 1024MB RAM, 256MB Flash Environmental & Electrical Operating Temperature / Humidity IR Off: -40°C~+60°C(-40°F~+140°F) / Less than 95% RH IR On: -40°C~+55°C(-40°F~+131°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F~+140°F) / Less than 95% RH Certification IECEX, ATEX, KCs, KC, CE IP67, IK10, PESO certified Input Voltage 24VAC Power Consumption Mechanical Color / Material Metalic Silver / Stainless 316L | General | |
| Environmental & Electrical Operating Temperature / Humidity | Webpage Language | |
| Operating Temperature / Humidity IR Off: -40°C <- +60°C (-40°F ~ +140°F) / Less than 95% RH IR On: -40°C <- +55°C (-40°F ~ +131°F) / Less than 95% RH Storage Temperature / Humidity -30°C <- +60°C (-22°F ~ +140°F) / Less than 95% RH Certification IECEX, ATEX, KCs, KC, CE IP67, IK10, PESO certified Input Voltage 24VAC Power Consumption 24VAC: Max. 45W Mechanical Color / Material Metalic Silver / Stainless 316L | Memory | 1024MB RAM, 256MB Flash |
| IR On: -40°C~+55°C(-40°F ~ +131°F) / Less than 95% RH Storage Temperature / Humidity -30°C~+60°C(-22°F ~ +140°F) / Less than 95% RH Certification IECEx, ATEX, KCs, KC, CE IP67, IK10, PESO certified Input Voltage 24VAC Power Consumption 24VAC: Max. 45W Mechanical Color / Material Metalic Silver / Stainless 316L | Environmental & Electrical | |
| Certification IECEx, ATEX, KCs, KC, CE IP67, IK10, PESO certified Input Voltage 24VAC Power Consumption 24VAC: Max. 45W Mechanical Color / Material Metalic Silver / Stainless 316L | Operating Temperature / Humidity | |
| Input Voltage 24VAC Power Consumption 24VAC: Max. 45W Mechanical Color / Material Metalic Silver / Stainless 316L | Storage Temperature / Humidity | -30°C~+60°C(-22°F ~ +140°F) / Less than 95% RH |
| Power Consumption 24VAC: Max. 45W Mechanical Color / Material Metalic Silver / Stainless 316L | Certification | |
| Mechanical Color / Material Metalic Silver / Stainless 316L | Input Voltage | 24VAC |
| Color / Material Metalic Silver / Stainless 316L | Power Consumption | 24VAC: Max. 45W |
| | Mechanical | |
| | Color / Material | Metalic Silver / Stainless 316L |
| | Product Dimensions / Weight | 175(W)x242.5(H)x320(D)mm(6.89x9.59x12.59") / 11.5kg(25.35lb) |



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CAD Unit:mm [inch]

