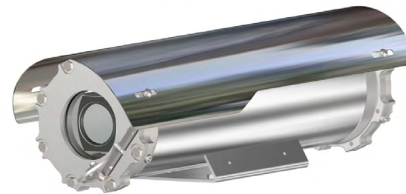


- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- ATEX/IECEX/UKCA/INMETRO EXPLOSIONPROOF CAMERA FOR HAZARDOUS LOCATIONS
- AISI316L STAINLESS STEEL CONSTRUCTION
- CERTIFICATION TEMPERATURE -60°C +80°C
- POWERED BY **WISENET XNZ-L6320**, DAY/NIGHT FULL HD, 32X OPTICAL ZOOM
- EDGE RECORDING
- OPTIONAL WINDOW WIPER
- IP66/67/68/69, NEMA 4X
- OPTIONAL BUILT-IN FIBER MEDIA CONVERTER
- OPTIONAL BUILT-IN IP OVER COAXIAL CONVERTER
- OPTIONAL BUILT-IN 120VAC OR 230VAC POWER SUPPLY
- H2-READY



WISENET



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

| | |
|------------------------------|---|
| Dimensions | See dimensions drawings |
| Operating Temperature | -60° +60°C, +75°C peak (-76°F +140°F, +167°F peak) |
| Construction | AISI316L Stainless Steel |
| Finish | Electro-polished |
| Mounting | 4x M5 on 101,6 PCD 4x M6 on 90x130 |
| Cable entries | 2x M25 x1,5 |
| Wiper | Optional |
| Weight | Unit: 10.5 Kg / Package: 12 Kg (version with wiper) |

ELECTRICAL

| | |
|----------------------------------|---|
| Temperature Climatization | T[°C] ON = 12 ± 4°C, T[°C] OFF = 20 ± 3°C |
| Available voltages | 24VAC, 120VAC, 230VAC (+/-10%) 24VDC or PoE available on request |
| Power consumption | 40W MAX |

CERTIFICATIONS

| | |
|-----------------------------|---|
| Ingress Protection | EN 60529 (IP66/IP67/IP68/IP69), NEMA 4X |
| Rating | II 2 G Ex db IIC T6/5/4 Gb -60°C ≤ Tamb ≤ +60/75/80°C II 2 D Ex tb IIIC T85/100/135°C Db -60°C ≤ Tamb ≤ +60/75/80°C |
| Vibrations and Shock | EN/IEC 60068-2-6; EN/IEC 60068-2-27; DNV-CG-0339 |
| ATEX/UKCA Standards | EN 60079-0; EN 60079-1; EN 60079-31 |
| IECEX Standards | IEC 60079-0; IEC 60079-1; IEC 60079-31 |
| EMC | EN 55035; EN/IEC 61000-6-4; EN/IEC 61000-3-2; EN/IEC 61000-3-3; EN/IEC 61000-6-2; CISPR-32; CISPR-35; DNV-CG-0339 |
| LVD | EN/IEC 62368-1 |
| FCC | FCC part 15B |
| RoHS | 2011/65/EU + 2015/863/EU (RoHS 3) |

| | |
|----------------|--|
| WEEE | 2012/19/EU |
| INMETRO | ABNT NBR IEC 60079-0; ABNT NBR IEC 60079-1; ABNT NBR IEC 60079-31 |

VIDEO/CAMERA

| | |
|-----------------------------|--|
| Sensor | 1/2.8" 2MP CMOS |
| Resolution | 1920x1080 |
| Compression | H.265/H.264: Main/Baseline/High, MJPEG |
| Streaming | Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles) |
| Frame Rate | H.265/H.264 : Max. 60fps/50fps(60Hz/50Hz) |
| Sensitivity | Color: 0.05 lux(F1.6, 1/30sec) B/W: 0.005 lux(F1.6, 1/30sec) |
| Shutter Speed | Minimum / Maximum / Anti flicker (2~1/12,000sec) |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor |
| Dynamic range | WDR |
| Lens | 32x Autofocus Optical Zoom, 4.44-142.6mm, F1.6(Wide) - F4.4(Tele) |
| Analytics | Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line |
| Event Triggers | Analytics, Network disconnect, Alarm input |
| Edge Recording | Micro SD/SDHC/SDXC 1slot 256GB |
| Network Storage | NAS |
| Noise Reduction | SSNR V |
| Iris | DC auto iris |
| Selectable Functions | Analytics, Tamper Detection, Objects in Area, Object Loitering, Objects Crossing Beam, Object Appears or Enters Area, Direction Violated |

(* for more updated information pls visit original web site of camera manufacturer

INNOVATIVE EXPLOSIONPROOF FIXED CAMERA STATION

NETWORK

| | |
|------------------|---|
| Interface | RJ-45(10/100BASE-T) |
| Security | HTTPS(SSL) Login Authentication, Digest Login Authentication. IP Address Filtering, User access Log, 802.1X Authentication (EAP-TLS, EAP-LEAP) |
| ONVIF | ONVIF Profile S/G/T |
| Protocols | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, LLDP, SRTP |

(*) for more updated information pls visit original web site of camera manufacturer

FIBER MEDIA CONVERTER

| | |
|-------------------------|--|
| Interface | 100 Base-FX/1000BASE-X |
| Cabling | Singlemode (9/125 μm) /two fibers/SC connector |
| Maximum Distance | 20km |
| Wavelength | 1310 nm |

IP OVER COAXIAL CONVERTER

| | |
|--------------------------------|--|
| Interface | 10/100 Base-TX over Coaxial Cable |
| Bandwidth | Up to 95Mbps downlink/uplink |
| Maximum Distance | 1800m |
| Technology | Broadband over Power Lines (BPL) |
| Interference Prevention | IEEE 1901-2010 Inter-System Protocol ISP |

MODELS

| | |
|-----------------------|--|
| TXF2TH02-IP-M | New Generation Explosionproof FIXED IP camera station with HANWHA XNZ-L6320, 120VAC |
| TXF3TH02-IP-M | New Generation Explosionproof FIXED IP camera station with HANWHA XNZ-L6320, 230VAC |
| TXF1TH02-IP-M | New Generation Explosionproof FIXED IP camera station with HANWHA XNZ-L6320, 24VAC |
| TXF2TH02W-IP-M | New Generation Explosionproof FIXED IP camera station with HANWHA XNZ-L6320, wiper, 120VAC |
| TXF3TH02W-IP-M | New Generation Explosionproof FIXED IP camera station with HANWHA XNZ-L6320, wiper, 230VAC |
| TXF1TH02W-IP-M | New Generation Explosionproof FIXED IP camera station with HANWHA XNZ-L6320, wiper, 24VAC |

- for fiber media converter replace the suffix "IP" with "SM"
- for IP over COAXIAL converter replace the suffix "IP" with "CX"
- All the above models include sunshield and heater

PRE-ASSEMBLED CABLE TAILS

| | |
|--------------------|---|
| EXACCTF3-A | 3 meters armored composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands |
| EXACCTF3-C | 3 meters armored composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC |
| EXACCTF5-A | 5 meters armored composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands |
| EXACCTF5-C | 5 meters armored composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC |
| EXACCTF10-A | 10 meters armored composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands |
| EXACCTF10-C | 10 meters armored composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC |

ACCESSORIES

| | |
|----------------|--|
| SSBK-M | Wall mounting bracket |
| SSPM-M | Pole mount adapter for SSBK-M |
| SSPTM-M | Top pole mount adapter |
| SSDM-M | Adapter to pair with IR LED illuminator on a single SSBK-M bracket |

DIMENSIONS

