



**VT-BL402-2**

**ATEX Certificated Stainless Steel Explosion Proof Camera**

## Features

- ATEX Zone 1&2 / 21&22
- fixed lens, 4/6mm etc. for optional
- Adopt TI-DSP CPU. High work efficiency
- resolution up to 1920 x 1080 pixel, 18X Zoom
- Support dual stream, support mobile phone monitoring
- Made of 304 stainless steel material (316,316L for optional)
- Usual: AC220V/DC12V, other Power mode can be customized
- High quality IR lamp, long service life, irradiation distance up to 100 meters



### VT-BL402-2 ATEX Certificated Stainless Steel Explosion Proof Camera



Adopt SONY1/2.7"CMOS Sensor CCD, resolution up to 1920 x 1080 pixel.  
 Adopt TI-DSP CPU. High work efficiency  
 fixed lens, easy to monitor remote targets  
 Support ICR Day/night auto-switch, Color- BW, 24 hours monitoring  
 High-quality IR lamp, long service life, irradiation distance up to100 meters.  
 Support digital wide dynamic, support 3D-DNR function  
 Support dual-stream, support mobile phone monitoring  
 Windows glass surface process by nanotechnology. Well light transmittance. no halation effect. non-stick oil/dusty.  
 Low power consumption, the fuselage internal air convection heat dissipation design, can work continuously for a long time  
 Usual: AC220V/DC12V, other Power mode can be customized.  
 Made of 304 stainless steel material. apply to strong corrosive environment  
 Well design for Explosion-proof, anti-corrosion, waterproof, suitable for indoor and outdoor environment

|         |                          |  |
|---------|--------------------------|--|
| Product | Ex-Level                 | ATEX<br>II 2G Ex d IIC T6 Gb<br>II 2D Ex tb IIIC IP68 T80°C Db |
|         | Ingress Protection level | IP66   |
| Camera  | imaging sensor           | SONY 1/2.7"CMOS  |
|         | DSP                      | TI-DSP   |
|         | minimal illumination     | Color 0.1Lux@F1.2, BW0.01 Lux@F1.2;                            |
|         | Day/Night                | IR-CUT auto-switch   |
|         | DNR                      | 3D   |
|         | focal distance           | 4MM/6MM ETC  |
|         | Aperture control         | Auto   |
|         | Automatic aperture       | DC-drive   |

|                      |                            |  |
|----------------------|----------------------------|--|
|                      | motion detecting           | support  |
| Compression standard | Video compression standard | H.264/H.265/MJPEG  |
|                      | H.264 encoding type        | Baseline Profile / Main Profile  |
|                      | Video compression standard | 32 Kbps~8Mbps  |
| Image                | Maximum resolution         | 1920×1080  |
|                      | Frame rate                 | 2 megapixel and following 25 frame(full-time), support 1~25 fps is adjustable;   |
|                      | Video output               | Main Stream:1920×1080,1600×1200,1280×1024,1280×960,1024×768,1280×720; Sub Stream: 640×360,480×270,352×288,320×240,352×192,320×192,288×192,256×192; |
|                      | Image setting              | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser   |
| Net                  | Interface protocols        | ONVIF, PSIA, CGI, ISAPI, GB28181   |
|                      | Support protocols          | RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP etc.   |
|                      | audio interface            | optional   |
|                      | Alarm interface            | optional   |
| Laser lamp           | IR distance                | 30M  |
|                      | IR switch                  | IR lamp Auto-open when <0 Lux  |
|                      | wavelength,                | 808nm  |
| Other specification  | Temperature range          | -40℃~60℃   |
|                      | Relative humidity          | ≤ 5% (+25℃)  |
|                      | Atmospheric pressure       | 80kpa~106 kpa  |
|                      | Heater                     | optional   |
|                      | Supply voltage             | DC12V /AC220V ( optional ) /POE(Optional)  |
|                      | Suitable Environment       | Apply to explosive gas and combustibile dust environment   |
|                      | Material                   | 304 stainless steel (316, 316L for optional)   |
|                      | Inlet hole specifications  | G1/2"  |
|                      | Installation method        | PTZ, Wall Hanging dyadic, fixed bracket, Pillar base   |