# FULL HIGH DEFINITION
## 2MP IP BULLET CAMERA

## VV-NC91482B-AZ7IR4EXS15
### EXPLOSION PROOF CAMERA

## FEATURES

Full High Definition 2MP Resolution with H.265 Compression

Inbuilt 3D DNR, Defog & BLC Functions

Inbuilt SD card slot up to 128GB supported

Atex certified 304 stainless steel enclosure-surface treated with fluorine-carbon spray, elegant structure, explosion-proof, dust proof, waterproof,rust-proof

Optics class toughened ultra-clear white explosion-proof glass, flux rate higher than 96%

Invisible nano wiper,non-stick water,non-stick oil,dust-proof

Applicable for the factories like oil field,chemical plant,port,oil storage, steamship,oil drilling platform,gas stations,coal mine,aviation,military, steel,firecrackers production,machinery etc

# TECHNICAL SPECIFICATIONS

## VV-NC91482B-AZ7IR4EXS15

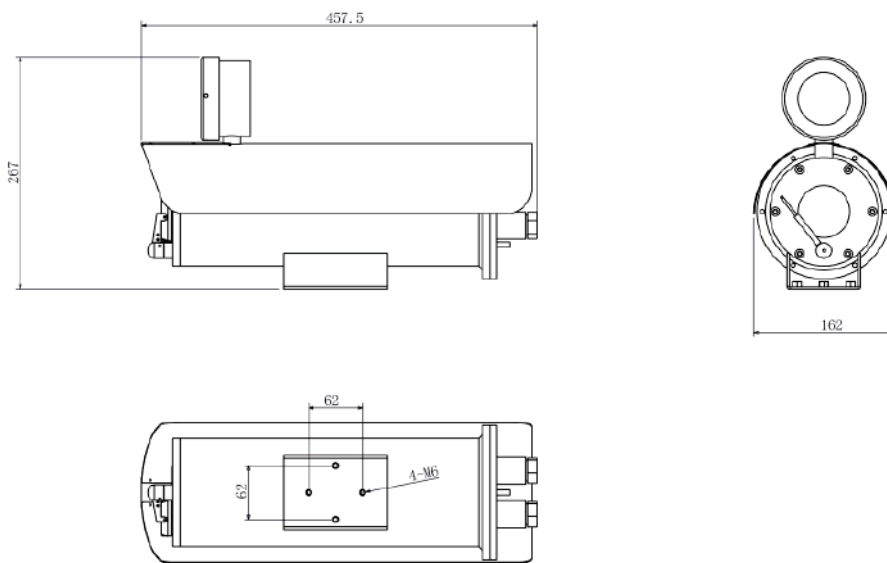| | | |
|---|---|---|
| **Camera** | Image sensor | 1/2.8" Progressive Scan CMOS |
| | Signal System | PAL/NTSC |
| | Effective Pixels | 1920x1080 |
| | Minimum Illumination | Color: 0.001lux @ (F1.5,AGC ON)<br>B/W: 0.0005Lux @ (F1.5,AGC ON) |
| | Electronic Shutter Speed | 1/25s to 1/100,000s |
| | Signal to Noise | > 50 dB |
| | Gain Control | Auto |
| **Lens** | Lens Type | 5.5mm~180mm 33x Optical Zoom |
| | Aperture Range | F1.5-F3.8 |
| | Zoom Speed | Approx.3.5s (Optical Lens, Wide-Tele) |
| **Day/Night Functionality** | Day & Night | True Day & Night with ICR |
| | IR Cut | High performance Mechanical IR Cut Filter with auto switch |
| | IR Source | Inbuilt Smart IR with intensity control |
| | IR Night Vision Distance | Up to 80 meters |
| | Laser Night Vision Distance (optional) | Up to 150 meters |
| **Compression** | Video Compression | H.265 / H.264 / MJPEG |
| | H.265 Codec Profile | Main profile |
| | Audio Compression | G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM |
| | Video Bit Rate | 32Kbps ~ 16 Mbps |
| **Resolution and Frame Rate** | Max. Resolution | 1920×1080 |
| | Main Stream | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60Hz: 30fps (1920 × 1080, 1280×960, 1280×720) |
| **Operational Features** | Defog | Supported |
| | Digital Zoom | 16x |
| | BLC | Supported |
| | ROI | Supported |
| | DNR | Inbuilt 3D DNR (Digital Noise Reduction) circuit |
| | Image Settings | saturation, brightness, contrast, sharpness can be adjusted through the client or browser |
| | Onboard Storage | Inbuilt SD card slot up to 128GB supported |
| | Security | IP address filtering, password protection |
| **Network & Remote Monitoring** | Protocols | TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP, SMTP,SNMP,IPv6 |
| | System Compatibility | ONVIF |
| | CMS | Full function CMS ( Central monitoring software) |
| | Mobile Client Application | Supports android and iOS APP for Smart phone and tablets |
| | Bandwidth Control | VBR (Automatic) and CBR (Manual) supported |
| **Interface** | Ethernet | 1 RJ45 10/100 Ethernet port |
| | Audio In/Out | 1ch input/ 1ch output (optional) |
| | Alarm In/Out | 1ch input/ 1ch output (optional) |
| **Smart Features** | Smart Analytics | Motion Detection, Video Loss Detection, Line Crossing Detection, Intrusion Detection |
| **Electrical** | Power Requirement | DC12V or AC110-240V |
| | Working Current | ≤2000mA |
| | Electrical Connectivity | Composite Cable |

## VV-NC91482B-AZ7IR4EXS15

| | | |
|---|---|---|
| Environmental | Material | 304 grade stainless steel (316L grade SS optional) |
| | Surface treatment | Stainless Steel Original Color, Electro polishing Optional |
| | Ingress Protection | IP68 |
| | Interface spec | G-3/4" *2 |
| | Atmospheric Pressure | 80-106KPa |
| | Operating Temperature | -30°C to 70°C |
| | Operating Humidity | ≤95%RH(+25°C) |
| | Method of installation | Wall mounting |
| Certificate of Conformity | Marking | ⟨Ex⟩ II 2G Ex db IIC T6 Gb, II 2D Ex tb IIIC (85°C) Db |
| | Cer. No | IEP 14 ATEX 0251 |
| | Dimension | 457.5 x 267 x 162 mm |
| | Weight | ≤8kg |
| Certifications | Certifications | UL,CE, FCC, RoHS |

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

## DIMENSIONS

Unit: mm