



SHR-LV Long Distance Laser Night Vision Discoverer



Introduction

Using active laser infrared night vision with good background contrast, clear imaging, and uninfluenced by outside lightings, SHR-LV is an independent intelligent patent night vision camera that adopts zooming focal length, and has achieved lighting and imaging simultaneously, beam shaping, laser light intensity homogenization, elimination of red glow, imaging correction, and

homogenization compensation.

Main Features

- Whole day monitoring with usual color exchange black camera;
- Long Lighting Distance: Up to 3Km at night, 1.5-3 times in daytime
- Can penetrate fogs.
- Anti-harsh environment : Adopt advance reinforcement sealing treatment, against dusts, rains, anti-vibration and impact.
- Small size, easy to be installed and hidden, key components life-long

Main Use

- Oil fields, Railways, Airports, harbors, engineering constructions, forests fireproofing and Police reconnaissance, Large areas/invisible real-time monitoring
- Frontier and coast defense, national defense, Night campaign, Military facilities, military department and military station.





SHR-LV Long Distance Laser Night Vision Discoverer

Technical Indicators

| | SHR-LV500 | SHR-LV1000 | SHR-LV1500 | SHR-LV2000 | SHR-LV3000 |
|-----------------------|--|------------|------------|---|---|
| Night Vision Distance | 500m | 1000m | 1500m | 2000m | 3000m |
| Day Vision Distance | 1000m | 2000m | 3000m | 4000m | 5000m |
| Imaging Components | 1/2-inch infrared CCD, automatic color to black, color 480 line, black 600 line, the lowest lighting angle 0.0009LUX | | | | |
| Focal Length | 200mm | 380mm | 500mm | 750mm | 1500mm |
| Lighting Angle | 0.5°~15°, continuously numerical adjustment | | | 0.3°~15°, continuously numerical adjustment | 0.2°~15°, continuously numerical adjustment |
| Laser Power | 4w | 5w | 7w | 10w | 20w |
| Interface | RS485 interface, BNC video output, AC220V | | | | |
| Working Temperature | -25°C--+60°C | | | | |
| Protecting Shell | High intensive aluminum alloy, special reinforcement, protection grade IP66 | | | | |
| Weight | ≅ 12Kg | ≅ 15Kg | ≅ 17Kg | ≅ 18Kg | ≅ 22Kg |
| Anti-vibration | 15m/s 5-200Hz | | | | |
| Anti-impact | 150m/s 11ms | | | | |
| Salt Fog Proofing | PH value 6.5-7.2, 48 hours spraying continuously | | | | |
| Customization | Function of penetrating fog; hidden infrared; working under -40°C; explosion proof | | | | |

Effect pictures



