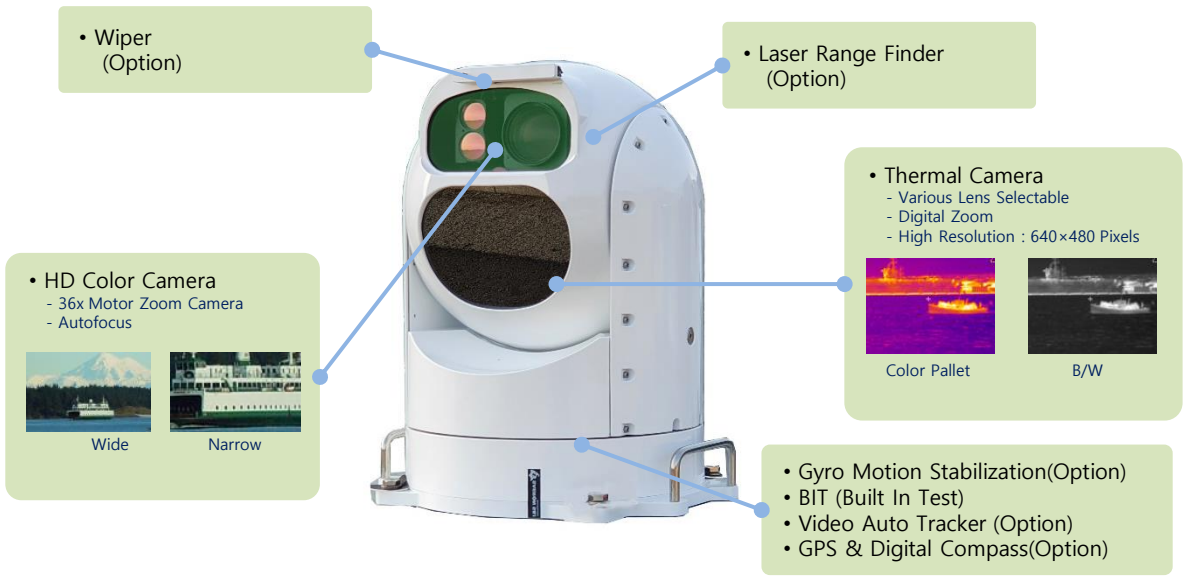


Stabilized Gimbal Camera (EO/IR Camera)

SR-Z300AD



■ Main Feature

- Dual Camera Monitoring
- Marine Environment Proven
- Full HD Color Zoom Camera
- High Quality Thermal Camera
- High Performance Gyro Stabilization
- Auto Tracker
- Image Stabilization
- IP55 Harsh Environment

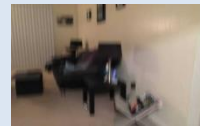
Video Auto Tracking

Auto Tracking Feature for UAV and Boat



Mounted on UAV

Onboard Video Processor



Digital Image Stabilizer



Anti Fog



On Screen Display



Video Fusion

■ Application



Ship



Coast Guard



UAV

| ITEM | SR-Z300 | |
|-----------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------|
| Thermal Camera* | Spectral Range: | Uncooled, 8 to 14 μ m |
| | Resolution: | 640 x 480 |
| | Focal Length: | 15 ~ 100mm, Continuous Zoom (Selectable by customer) |
| | F Number: | f/1.4 |
| | Field of View: | WFOV : 42.5° for 15mm NFOV : 6.2° for 100mm |
| | Digital Zoom: | 2x & 4x Digital Zoom |
| | Pixel Pitch: | 17 μ m |
| | NETD: | \leq 50 mK |
| | Video Format: | NTSC/PAL |
| | Frame Rate: | 60 Hz (30 fps) |
| | Focus System: | Motorized Focus |
| | Image Processing: | AGC, Level&Span, NUC, Mirror, Flip, Invert, Image Filter on Screen Menu |
| | Detection Range** Human : NATO Target : | 2.4km 6km |
| | Recognition Range** Human : NATO Target : | 650m 1.7km |
| Color Camera (Full HD CMOS Zoom Camera) | Sensor Type | 1/2.8 inch CMOS |
| | Image Resolution | 1920(H) x 1080P(V), 1280 X 1024, 1280 X 960, 1280 X 720P |
| | Focal length | 4.3 ~ 129mm, 30x Optical Zoom, 12x Digital Zoom |
| | FOV | H 61.5°(Wide) ~ 2.3°(Tele) |
| Laser Range Finder (Option) | Laser wavelength | 1.5 μ m, eyesafe |
| | Detection Range | 3.4km for 2.3x2.3m Nato Target |
| | Precision | 0.1 ~ 1m |
| Controller (Option) | Controller Type: | Panel Mount Controller |
| | Display: | 10.2" Touch LED |
| | Interface: | RADAR, GPS, Ethernet, RS232/RS422 |
| | Features: | Built-In-Test, Stabilization Select Real-Time Monitoring, Network Control |
| Gimbal | Diameter | 250 mm |
| | Height | 375 mm |
| | Weight: | 12 kg or less |
| | Pan Range : Tilt Range : | 360° continuous -10° +40° |
| | Max Speed: | Pan : 30°/s, Tilt : 30°/s |
| | Power Requirement: | 24 VDC, 350 W or less |
| | Operating Temperature: | -30°C to +55°C |
| | Environmental Rating: | IP55 |
| Gyro(Optional): | 2/3 Axis Gyro Stabilization System | |

* Thermal Camera may be replaceable with various focal length

** Range depends on whether condition 50% probability