

# LORROS

## Long Range Reconnaissance and Observation System

- Border and coastal surveillance
- Critical infrastructure protection
- Intelligence gathering
- Reconnaissance of illegal smuggling and drug trafficking
- Artillery spotting & target acquisition
- Airport security and surveillance
- Laser guided ordnance designation (option)



### Optimized for Medium & Long-range Applications

Long-Range Reconnaissance and Observation System (LORROS) is a high quality, remotely controlled, observation system designed for medium and long range surveillance.

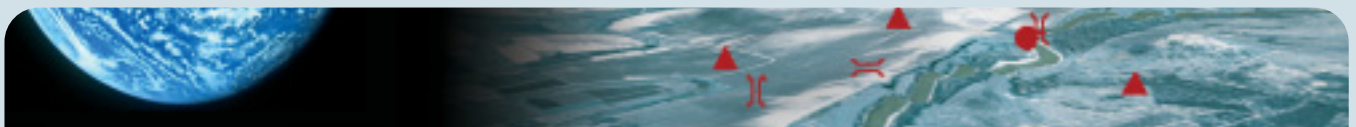
LORROS features a high quality dual CCD day camera with powerful zoom lens, a 3<sup>rd</sup> generation 3-5  $\mu\text{m}$  thermal imager, long range LRF and other sensors according to user's choice.

All sensors are integrated on a highly accurate and robust MCS-50 pan & tilt pedestal that synchronizes the operation of all sensors, enabling the operator to perform complex tasks with relative ease.

The system utilizes an open architecture design, which facilitates cost-effectiveness by enabling fast and simple placement and replacement of sensors either to adapt system

performance to mission parameters or to replace malfunctioning sensors rather than replacing the entire system.

The LORROS system is field proven, with hundreds of systems deployed world wide in border / coastal surveillance, police, military and paramilitary applications.



## Security Like Never Before - Elbit Security Systems

Note: Parameters may be altered to comply with customer specifications. Elbit Security Systems Ltd. reserves the right to make such alterations in design, dimensions specifications and manufacture as are deemed necessary to ensure continued improvement.

# LORROS

## Long Range Reconnaissance and Observation System

### Features

- Fully remote controlled
- Open architecture design enabling adaptation to various configurations and applications
- Long range day / night visual coverage
- Target identification and recognition at relatively long ranges
- Programmable sector scanning patterns and intervals
- Built-in sophisticated command and control software facilitating data fusion and dissemination
- Multisystem control via networking
- Recording for archiving and debriefing
- Target acquisition on UTM coordinates represented on a digital map
- Compilation of targets bank facilitating UTM coordinates, target name and parameters
- Auto leveling and north finding
- Rugged, highly reliable and field-proven construction
- Variety of operational applications: tripod, mast, tower and reconnaissance vehicle
- User-friendly Human Machine Interface (HMI) under MS Windows
- Remote control via wireless, fiber optic, cable communication
- Automatic target detection via Video Motion Detection VMD - optional
- Panorama imaging - optional
- Inertial stabilized pedestal - optional
- Integration with radars - optional

For more information [click here](#)



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