



# EOSS- 100/U

## ELECTRO-OPTICAL SURVEILLANCE SYSTEM

EOSS-100/U SYSTEM IS DESIGNED FOR EASY-MAINTENANCE H.24 OPTICAL SURFACE SURVEILLANCE. THE UN-COOLED IR CAMERA AVOIDS PERIODIC MAINTENANCE

### FEATURES

- ▣ h 24 passive detection, designation, identification and tracking of surface and low-speed air targets
- ▣ Fully automatic search for reducing operator workload in target detection and acquisition tasks
- ▣ Stabilization against mast/infrastructure motion
- ▣ Can be remotely driven
- ▣ Optional eye-safe laser rangefinder can be integrated

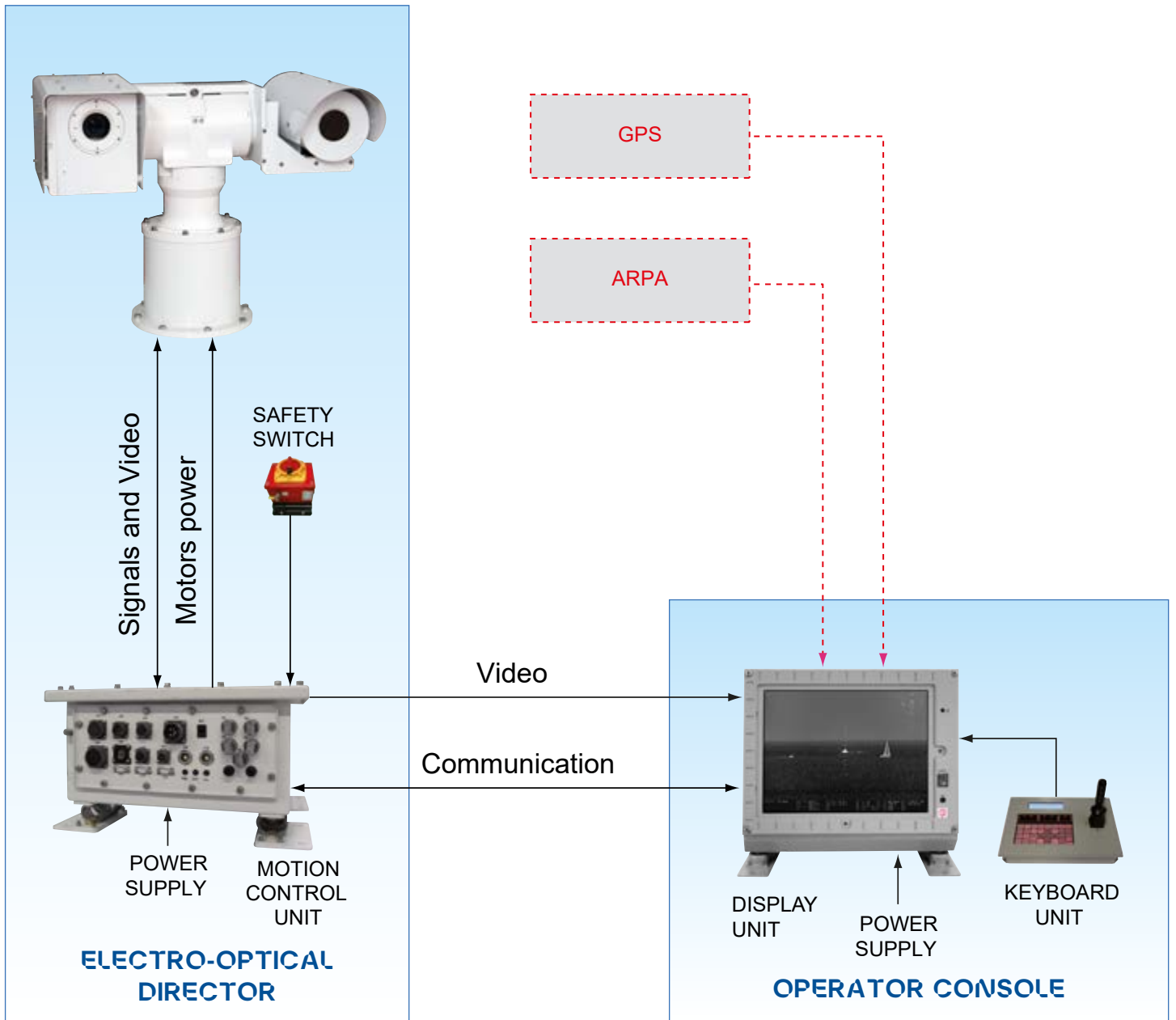
### APPLICATIONS

- ▣ Vessel Traffic System (VTS),
- ▣ Vessel Traffic Management & Information Systems (VTMIS)
- ▣ Coastal Surveillance & Security
- ▣ Homeland Security



<i>IR Detector, spectral bandwidth and resolution</i>	<i>IR camera HFOV</i>	<i>NETD</i>	<i>Video Tracker</i>	<i>Power absorption</i>	<i>Interfaces to the external world</i>
Uncooled, VOx 8-14 micron 320x240	Wide 5.7° Narr. 2.8°	< 50mk	Option	at 220 Vac, 50Hz, one phase, 1000 VA peak	RS-422

**GENERAL DIAGRAM OF CONNECTION**



OUTLINE

