

SKYSTAR 100 / 110 mini Aerostat systems for close surveillance and reconnaissance missions is a mini aerostat provides field commanders with real time "over the hill" reconnaissance capability.



SKYSTAR 100 / 110

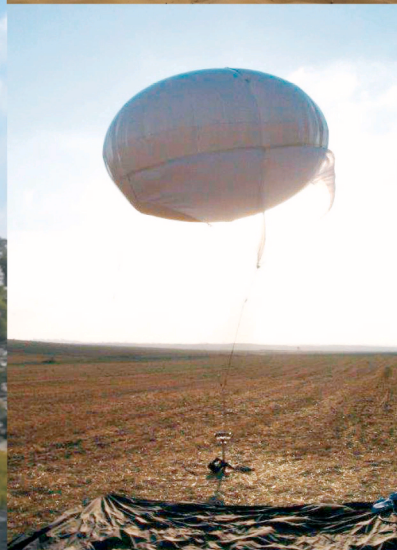
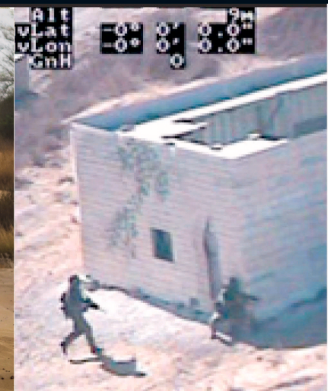
is compact, robust and can be transported, assembled, launched and operated by two personnel after minimal training. The system has electro optical payload operational day and night, Backpack or pickup truck transportable, assembled and launched in 15 minutes, 1,000 m surveillance range. Payload easily controlled from handheld Personal Control Station unit (PCS), a user friendly and intuitive interface with advanced Real-time Control hardware. Map and video telemetry displayed simultaneously on a screen. Navigation capabilities such as: point to Coordinate, hold coordinate and manual control modes.



Applications:

- Close range surveillance and reconnaissance
- Special operations
- Low intensity conflicts
- Urban operations
- Convoy support
- Force protection
- Artillery fire adjustment
- Battle damage assessment
- Counter terror operation
- Law enforcement
- Infantry protection
- Area protection and situational awareness
- Search and rescue
- Communication and telemetry relay





SKYSTAR 100 / 110 Key Features

- Backpack or pick-up truck transportable
- Target coordinates indication
- Deployment and launch - 20 minutes
- Payload easily controlled from handheld PCS
- Day and night gyro stabilized payload
- 1000m surveillance range (person detection)
- Low operational and maintenance costs
- Full digital recording of mission video and data
- Operational under harsh weather conditions
- Ideal for military, homeland and law enforcement security operations

Optional Equipment

- The system can be used as a relay for other systems such as mini UAVs or ground sensors
- Remote video terminal

Parameter	Specification
Aerostat Diameter	11 ft (3.4m)
Operating Altitude	Up to 1000 feet
Wind limit	35 knots
Total weight	4 kg
Endurance	Up to 8 hours