

SENSOR CAPABILITIES

Border Monitoring
RADAR + EO/IR



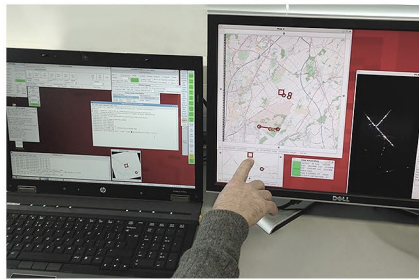
SCHIEBEL
CAMCOPTER® S-100

FACTSHEET

Border Monitoring

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The protection of state borders is a complex and diverse mission that ranges from assuring a country's territorial integrity and safeguarding its strategic infrastructure to the conservation and management of resources as well as the ability to monitor and respond to illegal immigration, smuggling, illegal fishing, threats to commercial shipping and environmental hazards and to observe offshore energy infrastructure. The border itself may be mountainous, maritime, shoreline or an urban area requiring persistent surveillance and protection 24/7 with a need to capture, collect and deliver a wide variety of information and data to the appropriate decision makers.



The ambiguities, dangers and threats of the emerging 21st century world require intelligence systems capable of detecting threats which now arise faster and become part of ever more complex operations and activities.

Effective monitoring and protection of borders, especially where those are vast and remote, is logistically difficult, expensive and sometimes dangerous to implement. Historically, the deployment of personnel and equipment has required intensive effort, but has struggled to provide sufficient coverage and resolution to ensure comprehensive and timely information availability for the appropriate decision makers.

The S-100 border protection system offers its customers:

- A worldwide proven VTOL UAS
- A flexible, integrated and cost-effective solution adapted to meet individual client needs and requirements
- Integrated new state-of-the-art sensor systems
- Possibility to operate from austere sites using a minimum of resources
- Robust digital data and communications network integration
- Long endurance multi-sensor surveillance
- Small operational footprint, no need for runway, launch and recovery equipment
- Minimal setup time and ability to rapidly redeploy