

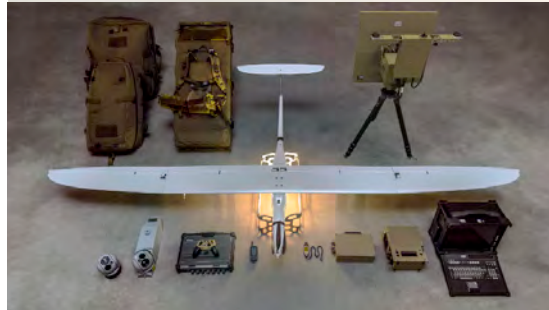


**CZECH**  
DEFENCE SOLUTIONS  
BORDER & CRITICAL INFRASTRUCTURE SECURITY



# AIR BORDER SECURITY

*Our drones and UAVs become your eyes, ears and limbs in a challenging terrain; increasing your action radius while reducing your reaction times; enabling you seamlessly combine collected information into a comprehensive operation picture using Hybrid Data Fusion capability.*



*Solutions of **LIAZ**, **TOVEK** and **GLOMEX** enable protecting the border more effectively using less manpower.*

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## MODELÁRNA LIAZ

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[www.modelarna-liaz.cz](http://www.modelarna-liaz.cz) | [www.liaz-uav.com](http://www.liaz-uav.com)

- Fully autonomous and independently operating unmanned helicopter
- Easy operation and pre-flight preparation (does not take more than 15 minutes)
- Allows extensive changes of flight speed and altitude (ability for a long-term hanging position)
- Identification and search of persons, registration/monitoring of foreigners/immigrants
- Possibility of monitoring using optical, radio, radiation and radar sensors
- Application: Civilian / Security and rescue / Protection and defense

### PARAMETERS OF MONITORING

Monitoring range - optical 10 km | Radar 70 km | Radio up to 80 km  
Flight time up to 5 hrs | Max. speed 100 km/h



## TOVEK

[www.tovek.cz](http://www.tovek.cz)



**T O V E K**



## Robodrone

- Inspection of technical infrastructure incl. bridges
- Search of persons, incl. mountain search
- Perimeter monitoring
- Tactical use – vehicle / dismounted soldier

### MAIN FEATURES

IP datalink, portable groundstation and control device, mission planner, software integration | Both manual and automated mode of operation including autonomous operation mode for link loss, GPS loss or jammed environment | Operational dimensions: L=490 mm, W=780 mm, H=1000 mm (with antenna); MTOM: 4kg | Modular payload up to 1kg: optical camera, thermo camera, 160-degree pitch gimbal, upward view camera, 3rd party sensors, tactical payload, lethal payload, etc. | Battery: 9,000 mAh Li-Ion; max. endurance 40 min; max. speed 30 km/h; max. alt. 1000 m | Operation range up to 5 km, wind limit 15 m/s, rain tolerance

Superhornet, configurable tactical compact UAV. 2" Low profile, carbon fibre fuselage and foldable arms give Superhornet the character of a compact drone, yet it offers the versatility of the larger UAVs.

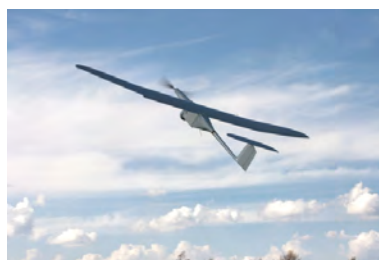


## GLOMEX MS

[www.glomex-ms.com](http://www.glomex-ms.com)

## UVAs

- Comprehensive supply and operation of Fly Eye fixed-wing unmanned reconnaissance UAV as well as the Warmate and Warmate 2 loitering ammunition platforms, including tube launch Warmate.
- The ability of the above-mentioned weapon systems to cooperate with each other through the hunter-killer system,
- The ability of loitering munitions to act against detected targets in swarms



□ Reconnaissance UAV Fly Eye during ascending flight



□ Standby Warmate loitering ammunition with guidance device