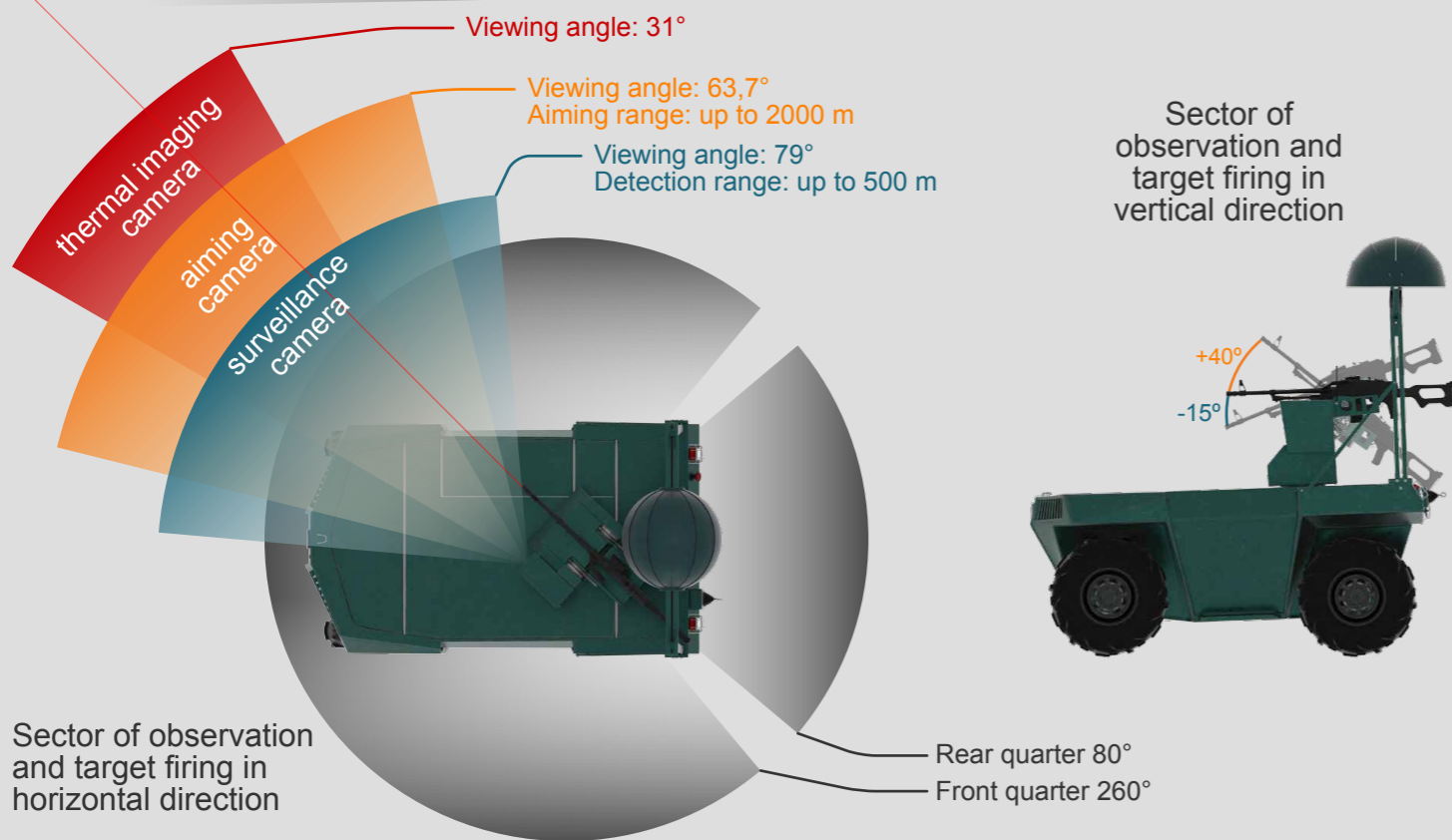


# MILITARY TURRET EQUIPMENT



## TURRET TECHNICAL SPECS

Description	Value
Unit type	Unmanned robotic platform
Installed weapon type	- Gun ПКМ 7,62 - Automatic grenade launcher УАГ-40 - On customer request
Ammunition	- Gun ПКМ 7,62 - 1000 shots - Automatic grenade launcher УАГ-40 - 375 shots
Armor	Light composite armor of 5 protection class (optional)
Optics	- Video cameras (survey and aiming) - Thermal imaging camera (optional) - Stereo camera (optional) - Laser ranging device
Automatic target tracking	Provided
Weapon stabilizing system	Provided
Additional options	Visibility improvement system for video and infrared images in abnormal conditions (rain, snow, fog)
Target detection range, m	- Video camera 1000 - Thermal imaging camera 1000 - Laser ranging device 1100
Target striking range, m	≤ 1000
Number of registered and striked targets in automatic operation mode	10
Swing speed of rotation platform, deg./s	60

UNMANNED GROUND VEHICLE



## UNMANNED ROBOTIC PLATFORM «LASKA 2.0»

MOBILE MULTIPURPOSE FIRE-SUPPORT AND RECONNAISSANCE ASSET OF TROOP-SQUADRON LEVEL

LLC "TEMERLAND"  
 Web: www.temerland.com



**TEMERLAND**  
 military solutions

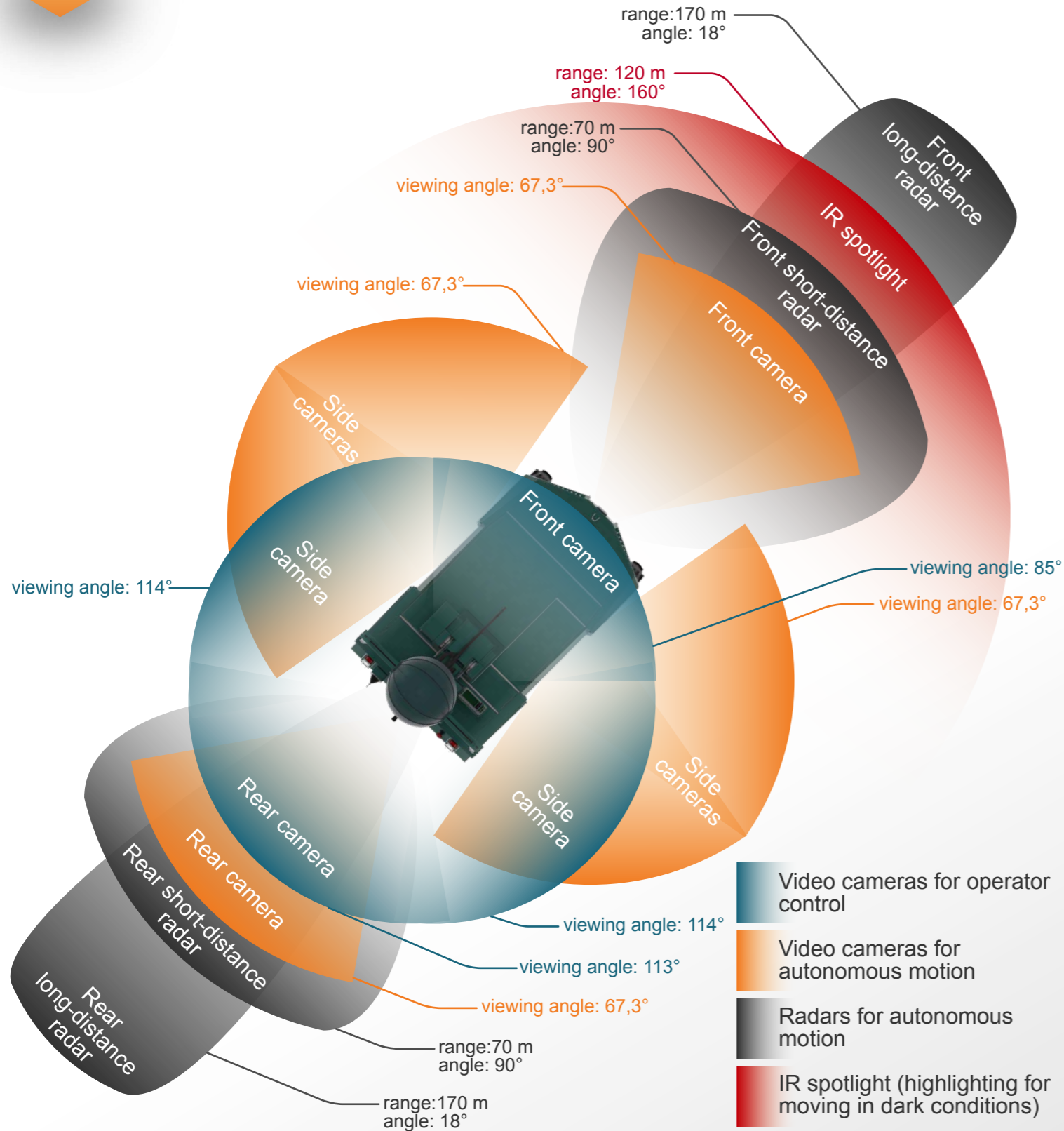
# MOBILE MULTIPURPOSE FIRE-SUPPORT AND RECONNAISSANCE ASSET OF TROOP-SQUADRON LEVEL



Provides adjustment of fire

Can be added to armory for troop (squad) reinforcement by gun/grenade launcher on mobile platform

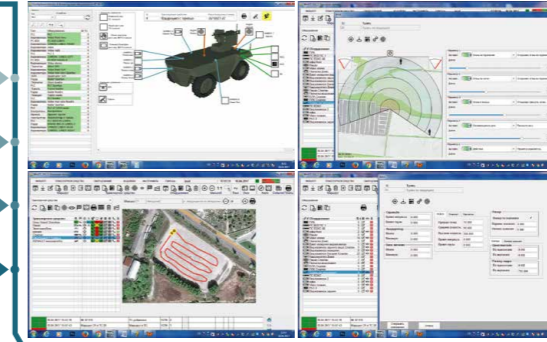
Presence of three or more units gives the possibility to build more effective fire system for active defense of troop (squadron)



- Video cameras for operator control
- Video cameras for autonomous motion
- Radars for autonomous motion
- IR spotlight (highlighting for moving in dark conditions)

## Visualization during control

- smart glass
- smartphone
- pad
- PC



## Dispatching system

based on SCADA SIEMENS WinCC OA

- parameterization
- parameters monitoring
- track assignment
- track transfer
- unmanned robotic platform tracking

## Communication channel

WiFi 5 GHz

## Autonomous control

movement behind the master vehicle/object

- patrol around perimeter
- movement from point to point
- return to «Home» at communication channel failure

### SmartTrack

with GPS

without GPS

- movement during electro-magnetic warfare (EW)

## Real control distance

1-2 km

## Remote control

- locally (direct vision)
  - gestures
  - voice
  - lead
- remotely
  - from operator station
  - from pad, smartphone
  - using quadcopter

## PLATFORM SPECIFICATION

Description	Value
Driving model	4x4
Power unit	1-cylinder., 4-stroke
Engine volume, cm <sup>3</sup>	722
Unit capacity, HP	50
Tank volume, l	16
Vehicle tank mileage:	- only with weapon system, km - with maximum load, km
Moving velocity:	- only with weapon system, km/h - with maximum load, km/h
Engine noise, dB	70
Noise distribution from running engine, m	150
Supply voltage, V	12
Power supply battery capacity, Ah	95
Working temperature, °C	from - 25° to +60°
Protection level	> IP65
Platform color:	green/on request
Platform case material:	2mm steel
Platform overall dimensions (WxHxD), mm	1300x950x2270
Overall dimensions with turret (WxHxD), mm	1300x1500x2270
Height with technological mast, mm	2225
Clearance, mm	220
Platform weight, kg (without weapon and ammunition)	670
Weight of additional carry cargo, kg	200