

Characteristics	YEZHIK UVD ROBOT	LASKA UVD ROBOT
Dimensions	Height - 1700 mm Width - 610 mm Length - 810 mm	Height - 1736 mm Width - 544,7 mm Length - 562,6 mm
Weight	140+ kg including Power Pod, UV Mercury Disinfection Accessory and other assembly.	90+ kg including Power Pod mini, UV Mercury Disinfection Accessory and other assembly.
Temperature Range, °F	32-131 Can be upgraded to operate at lower temperatures.	
Temperature Range, °C	0-55 Can be upgraded to operate at lower temperatures.	
Battery	2 Mini Battery Pods 2 Full Battery Pods	3 Mini Battery Pods
Sensors and hardware	Lidar Cameras Ultrasonic Sensors Speakers Microphone	
Screen	Yes	Can be added.
Drivetrain	Standard 2-wheel-drivetrain Can be upgraded to 4-wheel-drivetrain to use outside and on rough, uneven or irregular surfaces.	

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Emergency	Collision avoidance Emergency stop system Manual stop button	
UV lamps	12 UV lamps 254nm Length - 895mm	12 UV lamps 254nm Length - 895mm
UV lamps action range	Diameter 4m Can be upgraded to increase the UV light area coverage.	
UV lamps life cycle	9000h	
Optional Accessories	Thermal Scanner	
Interface to pilot the robot	App Piloting from Aitheon Platform	
Reports	Daily reports Weekly reports Custom reports	

Characteristics

**YEZHIK
UVD ROBOT**

**LASKA
UVD ROBOT**

<p>Connections and control</p>	<p>Connection: Wi-Fi Cellular connection Manual piloting through Aitheon platform</p> <p>Notifications: App Aitheon Platform WhatsApp Slack Text message Phone call</p>	
<p>Safety</p>	<p>Identifies objects at 16 m scanning range. Predicts movement trajectories of humans, animals, vehicles and moving devices of all kinds.</p>	
<p>Navigation</p>	<p>Automatically (via map in Aitheon Platform) Manually (via joystick or keyboard)</p>	
<p>Warranty</p>	<p>5 years Can be extended.</p>	<p>3 years Can be extended.</p>
<p>Effectiveness</p>	<p>99.99%</p>	
<p>Routine maintenance</p>	<p>Does not require routine maintenance.</p>	
<p>Maintenance of the platform</p>	<p>24/7 technical support for both resellers and end-users.</p>	

BATTERY CONFIGURATION AND RUN / CHARGE TIME

SLA

sealed lead-acid
battery

LIPO*

A lithium-polymer
battery

Laska Robot

Disinfection Runtime	1h 30min	4h 30min
Disinfection Coverage SqM	1,045	3,074
Disinfection Coverage SqFt	11,249	33,085
120v Charging Time	1h 30min	2h 15min
220v Charging Time	45min	1h
Charging cycles	300+	3000+
Max Speed meters/second	3	3
Max Speed feet/second	10	10

Yezhik Robot

Disinfection Runtime	2h 30min	7h 30min
Disinfection Coverage SqM	1,742	5,123
Disinfection Coverage SqFt	18,748	55,142
120V Charging Time	2h 30min	3h 45min
220V Charging Time	1h 15min	1h 45min
Charging cycles	300+	3000+
Max Speed meters/second	3	3
Max Speed feet/second	10	10

*Limited delivery options. May extend delivery time.

All values are approximations.