

STOP STICK®

STICKBOT™

POWERED BY
TACTICAL R/C



INTUITIVE, FLEXIBLE, REMOTE OPERATED PURSUIT STOPPING SYSTEM

The StickBot™ from Stop Stick® provides law enforcement officers with an intuitive, easy-to-use, and flexible tool to remotely deploy Stop Stick®, while keeping officers at a safe distance from the roadway and oncoming vehicles. Powered by Tactical R/C, LLC technology, StickBot™ provides wireless operation of a wheeled drone capable of deploying the Stop Stick® devices, with countless positioning adjustments possible within seconds without the officer, or their vehicle, ever required near the roadway.

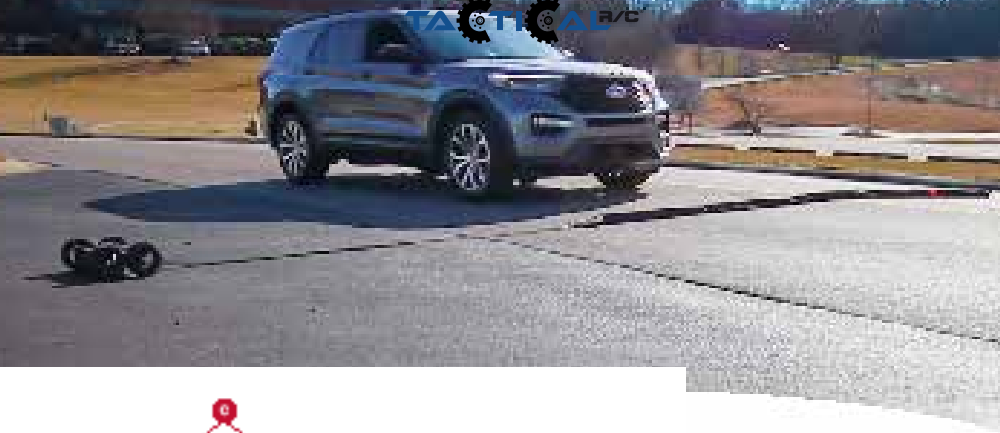


The STOP STICK® family of tire deflation products reflect the diverse needs of law enforcement. All STOP STICK® products exist to end pursuits or prevent them from starting – Simple Safe Effective.

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TECHNICAL DATA

STICKBOT	
Length	343 mm
Width	390 mm
Height	165 mm
Weight	9,07 kg
Speed	29 km/h
Operational Temp Range	-20 bis 60°C
IPE Class	IP 65 (Rain & Splash Resistant)
Orientation lights	2
Wireless Remote Controller	2,4 GHz, up to 240 m
Storage Battery Life	approx. 3 Months
Standby Battery Life	approx. 8 Hours
Operating Battery Life	approx. 15 Minutes
Road Deployment Time	under 3 Seconds
Road Removal Time	under 2 Seconds

KEY FEATURES

Utilizes the standard Stop Stick® segments, the most effective tire deflation device in the world.

- 36 bi-directional, Teflon® coated, hardened steel quills, 4,76 cm long, assembled in 3 rows of 12.
- 72 Teflon coated steel tips, 95 mm long, inserted into each end of the quills.
- Tip and quill assemblies are 6,67 cm tip to tip inserted into one collapsible polymer core to orient the tip/quill assemblies.
- Polymer core encased in a Tarten glass filament tape frame, to contain the tip/quill assemblies during impact.
- One polymer housing to contain the inner sub-assemblies, and to protect the user from injury while handling Stop Stick®.
- 15 feet of Stop Stick® road coverage, with a special no-snap deployment sleeve and optional length (6 to 9 foot) null zone tethers
- Carabiner attachments provided for easy connection to the StickBot™ safety hitch

STICK BOT DESIGN FEATURES

A Robust body construction, utilizing a carbon fiber infused PETG (Polyethylene Terephthalate Glycol) sealed to meet IP65 rain and splash resistance.

B High profile, knobby all terrain tires, creating ground clearance allowing torque to be delivered to most surfaces, while also providing StickBot™ body protection.

C 'Tank Drive' steering system allowing for a tight turning radius for optimal control and positioning of the Stop Stick® tire deflation segment presentation to the target vehicle.

D Rear and Forward Indicator LED's, provided for directional assistance in low light deployment situations.

E Snap-In Safety Hitch Design, allowing the Stop Stick® payload to be connected quickly and easily. Break-away safety rated at 600 psi should anything become entangled.

F Proprietary 'Ramp-up' high-torque motor tuning allowing optimal speed (18 mph) acceleration without flipping over.

G 2.4 GHz wireless remote providing greater range than realistic operational line of sight requirements (typically < 400 feet).



TACTICAL R/C

StickBot™ combines the proven Stop Stick® tire deflation effectiveness with innovative technology through a collaboration with Tactical R/C, LLC, a leader in the design, development, and production of robust tactical robots dedicated to meeting the critical application and technological needs of law enforcement and security agency customers.