

Persistent, All Weather All Terrain, Multi-Role, Hazardous Environment Sensor Platform

Vision 60 Quadrupedal – Unmanned Ground Vehicle (Q-UGV)

Since 2015, Tough Stump Technologies (TST) has set the pace for integrating robotics & cutting-edge technology to produce solutions for law enforcement, first responders, military teams & civilian enterprises. Forging relationships with key industry partners such as Ghost Robotics enables TST to deliver knife point capabilities at the operational edge and provide reliable tools for customers.

Key Features:

- NDAA Compliant
- All-weather durability
- 5x on-board cameras & streaming
- Autonomous route modes
- 3 hour battery life, 12km range
- 22lb payload capability
- Open architecture
- WiFi/MANET/4G Control
- USB-C, LAN, WAN, Xavier & 6x MCX ports for payload integration
- Vision mode (LiDAR navigation assistance)
- User selectable modes: cruise control, high step, stairs, run, hill & sand modes



Implementation:

The open architecture of the Vision 60 Q-UGV allows the integration of a variety of payloads weighing up to 22 lbs. MANET radios, 360° FLIR cameras, CBRN sensors and a mechanical arm are just a few available options, enabling users to stream FMV and sensor data over a variety of networks. The Vision 60 penetrates the operational environment providing perimeter security, overwatch CBRN response, LiDAR mapping, and numerous other tasks where persistent, autonomous & remote capabilities inform decision making, save lives and preserve resources.

For more information, call or email Christina.I@toughstump.com

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