

# VTOL UAV STECH-DVT1



PORTABLE, HIGH-SPEED, LONG ENDURANCE HELICOPTER

**THE VTOL UAV STECH-DVT1 IS A MILITARY GRADE, PORTABLE, HIGH-SPEED, LONG ENDURANCE HELICOPTER POWERED BY THE 4-STROKE GASOLINE ENGINE.**

## APPLICATION

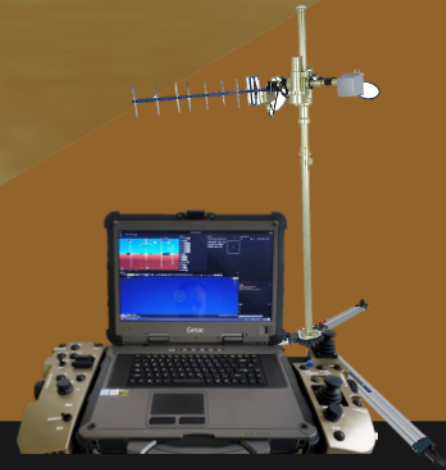
- VIDEO SURVEILLANCE AND MONITORING
- PAYLOAD DELIVERY
- RADIO LINK RANGE EXTENSION AND RETRANSMISSION
- INTELLIGENCE AND BORDER CONTROL
- DIRECTION OF ARTILLERY AND POST STRIKE DAMAGE ASSESSMENT

## GROUND CONTROL STATION SOFTWARE

CONTROL SYSTEM'S INTERFACE IS DESIGNED FOR AUTOMATED PREPARATION, INPUT AND CONTROL OF UAV FLIGHT PLAN EXECUTION, OPERATION WITH TELEMETRY INFORMATION, ADJUSTMENT OF EQUIPMENT AND UAV FLIGHT CONTROL IN VARIOUS OPERATIONAL MODES. ONE GCU CAN CONTROL MULTIPLE UAVS OF DIFFERENT TYPES

## AUTOPILOT & CONTROL SYSTEM AP-10.2

THE APX AUTOMATIC CONTROL SYSTEM IS PURPOSELY DESIGNED FOR EASY AND FLEXIBLE INTEGRATION INTO VARIOUS ROBOTIC PLATFORMS AND HAS ADVANCED FUNCTIONALITY FOR CONNECTING ADDITIONAL EQUIPMENT, PAYLOAD AND REDUNDANCY.



PORTABLE GROUND CONTROL STATION (PGCS-3)

## SPECIFICATIONS

Main rotor diameter:	2.6 m
Length:	3.29 m
Height:	0.85 m
Empty weight:	28 kg
Max. takeoff weight:	48 kg
Fuel tanks capacity:	13 L (10 kg)
Max payload:	15 kg
Engine:	4 stroke

Cruising speed:	60 km/h
Maximum speed:	120 km/h
Endurance:	6 hours (3 kg payload)
Maximum ceiling:	5000 m
Max climb rate:	3 m/s