

PRODUCT BROCHURE

DTR P40T



DTOWN ROBOTICS PRIVATE LIMITED
INDIA

LEADING NATION WITH INNOVATION



FLIGHT TIME

*upto 30 Minutes

CAMERA

*HDMI Output HD Camera

RANGE

*Range up to 12 Km LOS

PAYLOAD

Payload weight up to
40,000 grams



DTR P40T

THE ULTIMATE PAYLOAD DELIVERY DRONE



APPLICATIONS



DRONE DELIVERY PLATFORM

SURVEY/MAPPING

INFRASTRUCTURE INSPECTIONS

AGRICULTURE

SECURITY AND SAFETY SURVEILLANCE

SEARCH AND RESCUE

POWER LINE INSPECTION



SPECIFICATIONS

PARAMETERS	SPECIFICATION
PRODUCT NAME	DTR P40T
MODEL NUMBER	DTR/TUFF/P40T
FLIGHT TIME	UP TO 30 MINUTES
ASSEMBLY/DISASSEMBLY TIME	4-5MIN
GPS	2 * RTK GPS FOR MORE ACCURACY(GPS/GLONASS)
RANGE	*UP TO 12 KM LOS
PRIMARY PAYLOAD/CAMERA RESOLUTION	12MP 4K DAYLIGHT CAMERA
SECONDARY PAYLOAD CAMERA	320*240/ 640*480 THERMAL CAMERA
GIMBAL	3 AXIS
OPERATIONAL TEMPERATURE	-10°C TO 55°C
COUNTRY OF ORIGIN	INDIA
OPERATING ALTITUDE	500 METER (AGL)
MAXIMUM TAKEOFF WEIGHT	90Kg
PAYLOAD	UP TO 40 Kg
MAX LAUNCH ALTITUDE	3600 METER (AMSL)
FLIGHT MODES	AUTO-TAKEOFF & LANDING, WAYPOINT NAVIGATION, RTH, HOVER AT DEFINED WAYPOINT, AUTONOMOUS WAYPOINT NAVIGATION, MANUAL CONTROL USING JOYSTICK TRANSMITTER, TERRAIN AVOIDANCE
FAIL SAFE FEATURES	RTH, LOW BATTERY FAILSAFE, RADIO FAILSAFE
LIVE VIDEO FEED	1080P DIGITAL FEED FROM PRIMARY CAMERA
MASTER SLAVE MODE	*OPTIONAL (WITH EXTRA SLAVE REMOTE)
BATTERY TYPE	LITHIUM ION BATTERY

SOME SALIENT FEATURES

Plan your Autopilot missions in our GCS software with easy tools for transport applications.

Optional Attachment for winch mechanism for up to 5 kg payload mechanism.

Smart Battery Charging System with two port availability

Live Aircraft Parameters for Voltage , Speed , Angle , Altitude and terrain Data.

Various Flight Modes such as Loiter, Position Hold , Altitude Hold and GPS denied manual Flying.

Return to Home Features on communication failure, battery failure, Poor Signal , High Wind Disturbances.

Additional Attachments include -

**Wireless Speakers, High Density Search Lights, Food Delivery Payload Box, First Aid Box, Winch Mechanism ,
Water Container Carrier.**

Consumable Accessories Include -

Spare Propeller X 6 units

Spare Battery X 1 units



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