



Warfighter Electronic Bridge **WEB**TM

A Universal GCS for multi-domain platforms, including ground robotics, offering a versatile and secure control station.

In development with Booz Allen Hamilton, Red Cat has implemented an, "industry-first", UAS Tool interface, through ATAK, that provides seamless integration and mission-management capabilities, enhancing efficiency, cognitive load, and situational awareness.

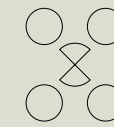


FEATURES

- › High-Brightness Display
- › Quick Attach / Detach Antennas
- › Radio Backhaul via Nett Warrior Connector
- › Programmable Joysticks and Switches
- › Power Out through USB-C
- › HDMI Video Out
- › Electro-Mechanical Interface for Future Accessories
- › User Interface: ATAK UAS tool, QGC

SPECIFICATIONS

- › Weight: 3.6 lbs (1.54 kg) with 220 Wh Battery
- › Video Downlink Resolution: 1080p
- › Encryption: AES-256
- › Frequency Bands: M1-M6 (1625 MHz to 2510 MHz)
- › Channel and Band Hopping: Yes
- › Latency: <250ms
- › Software OS: Android
- › Battery Life: 12 hours (same battery as Aircraft)



ARACHNIDTM

FAMILY OF SMALL ISR &
PRECISION STRIKE SYSTEMS

A RED CAT COMPANY



BLACK WIDOWTM

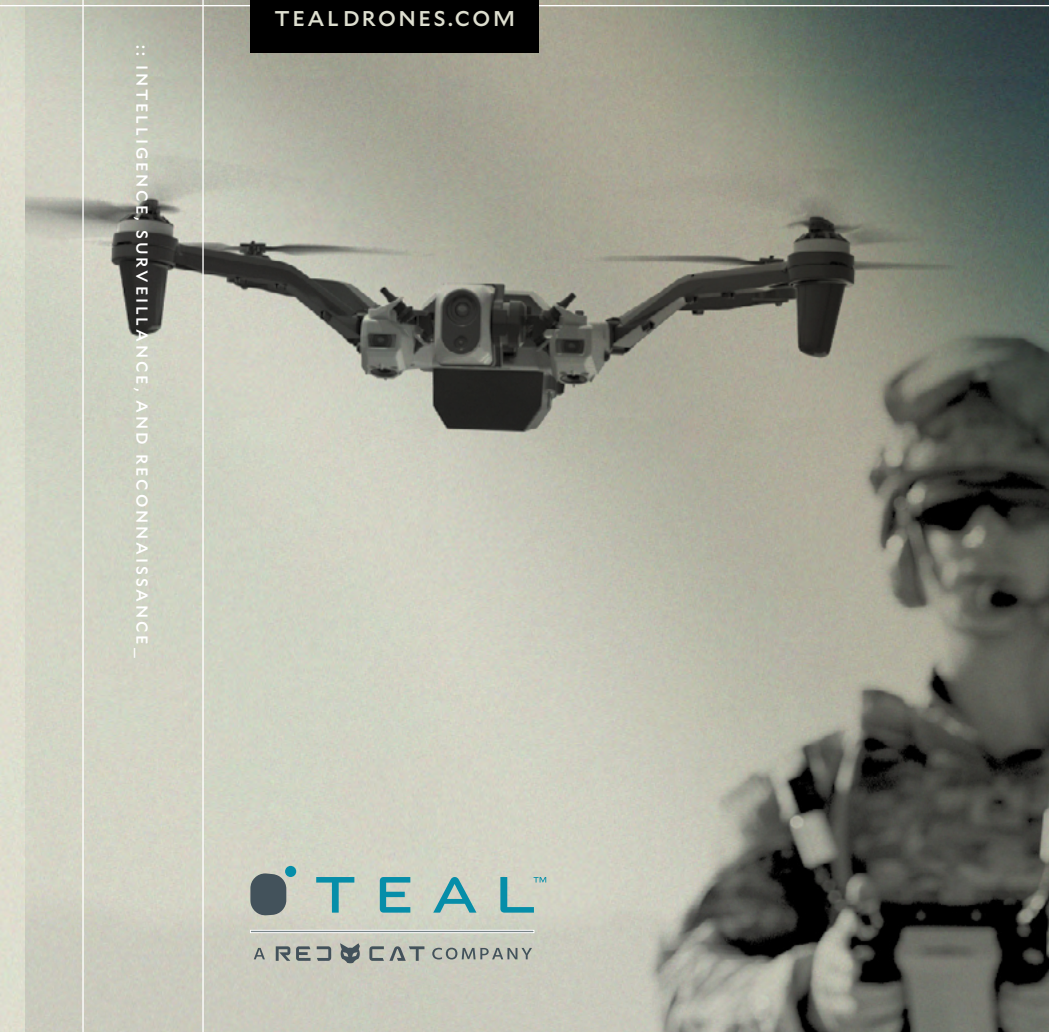
BY TEAL DRONES

ISR

The Future of All Domain Operations

TEALDRONES.COM

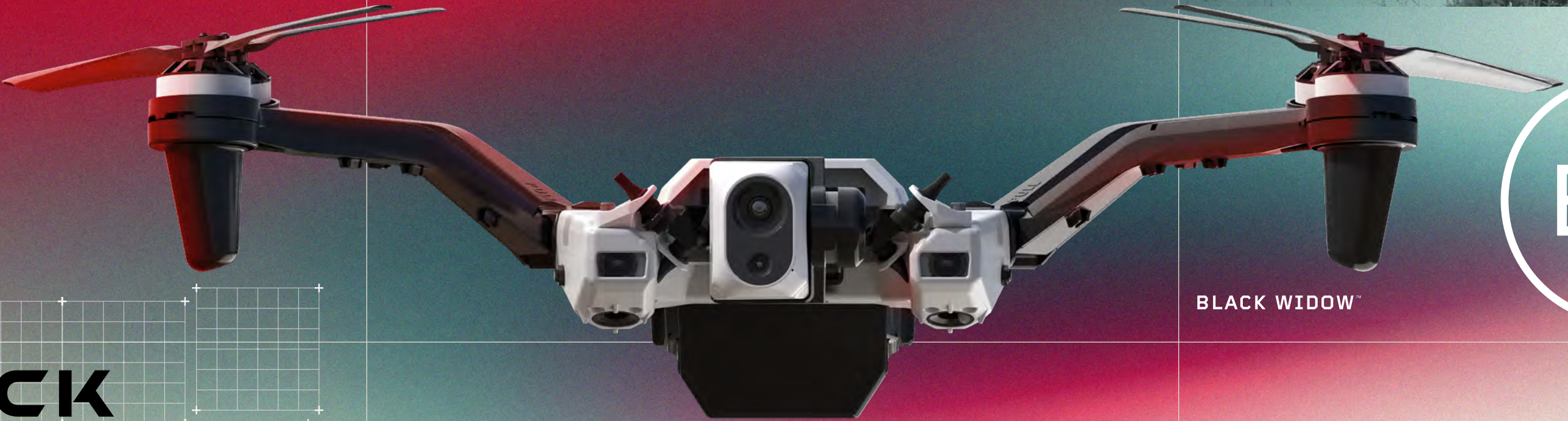
INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE



TEALTM
A RED CAT COMPANY

The Black Widow™ Short Range Reconnaissance drone is a U.S.-manufactured, dual-use system delivering critical ISR for defense and security, built with a modular, field-repairable architecture and purposefully engineered to protect those in harm's way.

OFFICIAL AWARD ::
U.S. ARMY SHORT RANGE RECONNAISSANCE
PROGRAM WINNER



BLACK WIDOW™

BLACK WIDOW™

HIGH-RESOLUTION EO/IR IMAGERY FROM INTEGRATED
HADRON 640R+ BY TELEDYNE FLIR



BLACK WIDOW DAY IMAGE



BLACK WIDOW NIGHT IMAGE

FEATURES / OPTIONS

- › Doodle Hex-Band Radio with frequency-stepping for EW Resilience
- › Integrated FLIR Prism AI software stack
- › Optional Reveal Farsight 3D Mapping Software
- › Optional Palantir Visual Based Navigation (VNAV)
- › Target identification, tracking and classification software
- › Forward-looking obstacle avoidance
- › Modular Arms and Primary / Secondary Payloads
- › High-processing power with Qualcomm RB5 Chip for A.I. Capabilities
- › Stealth Mode (including Mission Execution with Radios Off)
- › Quiet Acoustic Signature
- › Optional Aided Target Recognition Software by Sightline Intelligence (Athena AI)
- › Rucksack-Portable and Field-Repairable

SPECIFICATIONS

Aircraft

- › Weight: 4.26 lbs (1.93 kg)
- › Flight Time: *50+ minutes
- › Max Altitude: 4,000+ ft AGL
- › Speed: 18 m/s (40 mph)
- › Range: Up to 6.8 miles (11 km) with maintained operator line-of-sight

Remote ID

- › In Development

*standard atmospheric pressure

Sensor

- › System: EO / IR Hadron 640R+ w/ Mechanical Stabilization & EIS
- › EO Sensor: 64 MP, 67-degree HFOV
- › EO Video Recording: 4K at 30 fps
- › IR Sensor: Boson+ 640 Radiometric, 32-degree HFOV

Processor

- › Type: Qualcomm RB5
- › GPU: Adreno 650
- › CPU: Eight (8) Kryo 585 Cores

GPS Module

- › Options: Civilian GNSS & Dual Band L1/L2

ARACHNID™

FAMILY OF PORTABLE, LOW-COST, FIELD-REPAIRABLE, &
RECOVERABLE ISR AND PRECISION STRIKE SYSTEMS

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