BouraDrone

Tailored Solutions for Defense Excellence

BouraCyber Solutions leads in providing customized drone solutions defense and tactical organizations. Our commitment to excellence is evident in our tailored drone systems designed to precisely meet operational needs. Recognizing the critical nature of defense applications, we collaborate closely with clients to enhance situational awareness and reconnaissance capabilities. BouraCyber Solutions is your trusted partner for advancing technological prowess through bespoke drone solutions, ensuring mission success with innovation and client satisfaction.

FEATURE	VALUE	REMARKS
Number of SDRs	2	License for 2 simultaneous SDR transmissions
Supported bands	**2G:** 900 (B8), 1800 (B3) **3G:** 900 (B8)2100 (B1) **4G/5G (NSA):** 700 (B28), 800 (B20), 900 (B8), 1800 (B3), 2100 (B1), 2600 (B7)	
System size	245 X 141 X 134 mm	
Weight	~2.9kg	
Output power	10W (Single transmission, any), 2.5W in dual transmission mode	
Operating voltage	15 VDC	
PC	Intel i7, Gen. 6	
GNSS	GNSS (GPS, Galileo, Glonass)	
Battery	1 Battery 14.4V 49.7Wh	
Operating time	~1hr	
Typical power consumption	~42W	
Dust & Water resistance	IP45	
Operating Temp	-10° Celsius to 45° Celsius	
Battery Monitoring	Yes	
Power save mode	Yes (Disable LNAs & PA)	
Internet + SIM slot	Yes, LTE module for internet	
Data link	Based on Drone's link (up to 8 km)	
GPS Antenna	Model w/ 2 stage filtering and amplification	
Scanning DSPs	2	
TX Antenna	Directional	
RX/NWL Antenna	Omni	

BOURA CYBER
Intelligence Security Solutions

Drone Hardware Specifications- Onyx-A

- **BTS** - Up to 2 SDRs

  Networks - Supports 2G, 3G, 4G (FDD/TDD) and 5G NSA

  Transmission Power - Up to 1 W peak

- **Power**
  <160W consumption
  Hot-swappable batteries

  Connection
- Local operation over Wi-Fi
  Remote control over cellular link

- **Weight** - 2.25 Kg

  Run-Time - 1 Hour (typical usage)

TOP OF FORM

Training

In addition to our cutting-edge drone solutions, BouraCyber also offers comprehensive training services essential for optimizing the reliability and efficiency of unmanned aerial systems. Unlike conventional aircraft, military drones operate at various altitudes, demanding skilled pilots for precise control and operation. Our training programs are meticulously designed to empower personnel with the expertise needed to harness the full potential of these advanced systems, ensuring seamless integration and mission success.

Insurance Coverage

BouraCyber Solutions holds an aerial operating license for unmanned aerial vehicles issued by the Civil Aviation Authority (RATA). The process of granting the license to the company is a long and challenging process that requires understanding and extremely high standards.

This license provides the highest level of professionalism and safety in the world and gives the possibility to insure all the aircraft in the company's possession with third-party insurance with coverage of up to NIS 5,000,000, which allows the client peace of mind when performing the work.

About BouraCyber Solutions

BouraCyber Solutions, founded by cyber intelligence experts with 30+ years of domain experience, offers comprehensive security services. We prioritize field-proven, best-of-breed innovative products, top-notch execution, and customer service. With a theme-driven focus and a robust network of strategic partners, we continuously develop cutting-edge technologies to address today's evolving needs and make sure that the power is on your side.