



LLC «INSTITUTE OF JET AVIATION»

AREAS OF ACTIVITY:

REACTIVE DRONES

QUADCOPTERS URIK

FIBER-OPTIC UAV

ANTEY ENERGY (CHARGING STATIONS)

Compliance with NATO standards

Real combat experience

PROMO VIDEO



SCAN QR OR CLICK

LINE OF DRONES WITH FIBER-OPTIC CONTROL

«URIK K11KO»

URIK K11KO is a compact yet highly powerful kamikaze drone on 11-inch propellers, designed for precision work where others cannot reach.



KEY ADVANTAGES:

✓ COMPACTNESS

Small form factor (11-inch propellers) allows maneuvering inside buildings, penetrating window openings, and operating in dense forests

✓ PAYLOAD CAPACITY

The heavy payload weight allows for the effective destruction of heavily armored vehicles at long distances

✓ PENETRATION ABILITY

A strong spatial aluminum frame minimizes vibrations and allows penetrating light anti-drone defense (chain type).

FIBER-OPTIC LENGTH

LINEUP «URIK K11KO»

Presented in four modifications, allowing the execution of tasks at different distances:

- URIK 10 — range up to 10 km
- URIK 15 — range up to 15 km
- URIK 20 — range up to 20 km
- URIK 25 — range up to 25 km

**Used in "Kamikaze" type UAV systems*



Advantages:

- Full resistance to EW (Electronic Warfare)
- Maximum reliability
- Secured transmission channel



Multifunctional launch box

> QUICK LAUNCH

Launching the drone directly from the box without additional preparation

> MOBILITY

Compact transportation of the entire set in one box

> PROTECTION

Reliable protection of equipment during transportation and storage



APPEARANCE AND PACKAGING

Sides



Packaging



Comparison table of modifications

Specification	10 km	15 km	20 km	25 km
Range, km	10	15	20	25
Payload capacity, kg	4,5	4	2–2,5*	1,5
Speed (cruise), km/h	80	80	80	80
Reel weight	1,0 kg	1,2 kg	1,4–2 kg*	1,6 kg
Control type	Fiber optic	Fiber optic	Fiber optic	Fiber optic
Reusable	No	No	No	No

«URIK K11KO» - 10 km

TYPE: KAMIKAZE, FIBER OPTIC

UAV Characteristic	Specification
Actual winding	10.2 km
Recommended flight range, km	9.750 km
Flight altitude, m:	
maximum recommended	500 m
operational	50 m
UAV flight speed, km/h:	
minimum (hover capability)	0 km/h
cruise (operational)	70 km/h
maximum recommended	90 km/h
Imaging device	Low-light (from 1500 TVL) or Thermal (640 × 512 / Caddx 640) at customer's choice.
Automatic target acquisition/tracking availability	Upon agreement with customer
Fiber optic reel weight	1.0 kg
Recommended max payload mass (warhead), kg	4,5 kg
Width	620 mm
Length	620 mm
Height	170 mm
Control and video transmission method	Fiber optic
UAV kit composition	
number of FPV UAVs	100
FPV goggles	1
remote control	1
Availability of warheads (ammunition)	Upon agreement with customer
Maintenance tools	Box wrench, wire cutters, screwdriver, plastic zip ties.
Transport container	101
Charger	1
FCAT initiation board (alternative boards available upon customer request)	100
Ground station	1

«URIK K11KO» - 15 km

TYPE: KAMIKAZE, FIBER OPTIC

UAV Characteristic	Specification
Actual winding	15.2 km
Recommended flight range, km	14.5 km
Flight altitude, m:	
maximum recommended	500 m
operational	50 m
UAV flight speed, km/h:	
minimum (hover capability)	0 km/h
cruise (operational)	70 km/h
maximum recommended	90 km/h
Imaging device	Low-light (from 1500 TVL) or Thermal (640 × 512 / Caddx 640) at customer's choice.
Automatic target acquisition/tracking availability	Upon agreement with customer
Fiber optic reel weight	1,2 kg
Recommended max payload mass (warhead), kg	4 kg
Width	620 mm
Length	620 mm
Height	170 mm
Control and video transmission method	Fiber optic
UAV kit composition	
number of FPV UAVs	100
FPV goggles	1
remote control	1
Availability of warheads (ammunition)	Upon agreement with customer
Maintenance tools	Box wrench, wire cutters, screwdriver, plastic ties.
Transport container	101
Charger	1
FCAT initiation board (alternative boards available upon customer request)	100
Ground station	1

«URIK K11KO» - 20 km

TYPE: KAMIKAZE, FIBER OPTIC

UAV Characteristic	Specification
Actual winding	20,2 km
Recommended flight range, km	19.250 km
Flight altitude, m:	
maximum recommended	500 m
operational	50 m
UAV flight speed, km/h:	
minimum (hover capability)	0 km/h
cruise (operational)	70 km/h
maximum recommended	90 km/h
Imaging device	Low-light (from 1500 TVL) or Thermal (640 × 512 / Caddx 640) at customer's choice.
Automatic target acquisition/tracking availability	Upon agreement with customer
Fiber optic reel weight	1.4 kg
Recommended max payload mass (warhead), kg	2,5 kg
Width	620 mm
Length	620 mm
Height	170 mm
Control and video transmission method	Fiber optic
UAV kit composition	
number of FPV UAVs	100
FPV goggles	1
remote control	1
Availability of warheads (ammunition)	Upon agreement with customer
Maintenance tools	Box wrench, wire cutters, screwdriver, plastic ties.
Transport container	101
Charger	1
FCAT initiation board (alternative boards available upon customer request)	100
Ground station	1

«URIK K11KO» - 25 km

TYPE: KAMIKAZE, FIBER OPTIC

UAV Characteristic	Specification
Actual winding	25.2 km
Recommended flight range, km	24 km
Flight altitude, m:	
maximum recommended	500 m
operational	50 m
UAV flight speed, km/h:	
minimum (hover capability)	0 km/h
cruise (operational)	70 km/h
maximum recommended	90 km/h
Imaging device	Low-light (from 1500 TVL) or Thermal (640 × 512 / Caddx 640) at customer's choice.
Automatic target acquisition/tracking availability	Upon agreement with customer
Fiber optic reel weight	1.6 kg
Recommended maximum payload mass (warhead), kg	1.5 kg
Width	620 mm
Length	620 mm
Height	170 mm
Control and video transmission method	Fiber optic
UAV kit composition	
number of FPV UAVs	100
FPV goggles	1
remote control	1
Availability of warheads (ammunition)	Upon agreement with customer
Maintenance tools	Box wrench, wire cutters, screwdriver, plastic zip ties.
Transport container	101
Charger	1
FCAT initiation board (alternative boards available upon customer request)	100
Ground station	1



LINEUP «URIK K11KO»

URIK 11KO on **BRAVE¹** MARKET

UAV System (Day)



market-brave1.delta.mil.gov.ua/dron-na-optovolokni/6437/

UAV System (Day)



market-brave1.delta.mil.gov.ua/dron-na-optovolokni/5851/

UAV (Night)



market-brave1.delta.mil.gov.ua/dron-na-optovolokni/6438/

UAV (Night)



market-brave1.delta.mil.gov.ua/dron-na-optovolokni/6439/



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