

ARMAXIS

BATTLE PROVEN

LLC "RAROG AEROSPACE"



➤ (NCAGE code A41NJ) – developer of the "RAROG" unmanned aerial systems and one of the leading manufacturers of FPV drones in Ukraine.

➤ RAROG UAVs have been widely used on the battlefield in Ukraine since 2023, codified and officially adopted by the Armed Forces of Ukraine.

UAS «RAROG-7»



UAV (FPV quadcopter)
"RAROG-7" – 50 units

UAV (FPV quadcopter)
"RAROG-7T" – 50 units

UAV (FPV quadcopter)
"RAROG-7-ATHM" – 50 units

UAV (FPV quadcopter)
"RAROG-7T-ATHM" – 50 units



«RAS Ground Station» – 1 set

"RAS-R" video and control signal
repeater – 1 set

Transport containers – 20 units

NSN code - 1550 61 018 5039
TY Y 30.3-45291222-005:2024

UAV (FPV quadcopter) "RAROG-7" (low-light camera)

Specification:

UAV (FPV quadcopter) 7-inch "RAROG-7" – 1 unit

Battery pack 6S2P 10,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 1.5 kg

Camera – twilight low-light

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



NSN code - 1550 61 018 5040

UAV (FPV quadcopter) "RAROG-7T" (thermal camera)

Specification:

UAV (FPV quadcopter) 7-inch "RAROG-7T" – 1 unit

Battery pack 6S2P 10,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 1.5 kg

Camera – thermal imaging

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



NSN code - 1550 61 018 5041

UAV (FPV quadcopter) "RAROG-7-ATHM" (low-light camera)

Specification:

UAV (FPV quadcopter) 7-inch "RAROG-7-ATHM" – 1 unit

Battery pack 6S2P 10,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 1.5 kg

Camera – twilight low-light

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



Automatic Target Homing Module "KORSAN"



NSN code - 1550 61 018 5042

UAV (FPV quadcopter) "RAROG-7T-ATHM" (thermal camera)

Specification:

UAV (FPV quadcopter) 7-inch "RAROG-7T-ATHM" – 1 unit

Battery pack 6S2P 10,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 1.5 kg

Camera – thermal imaging

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9-6.2 GHz



Automatic Target Homing Module
"KORSAN"



NSN code - 1550 61 018 5043

UAS «RAROG-8»



UAV (FPV quadcopter)
"RAROG-8" – 50 units

UAV (FPV quadcopter)
"RAROG-8T" – 50 units

UAV (FPV quadcopter)
"RAROG-8-ATHM" – 50 units

UAV (FPV quadcopter)
"RAROG-8T-ATHM" – 50 units



"RAS Ground Station" – 1 set

Video and control signal repeater
"RAS-R" – 1 set

Transport containers – 20 units

NSN code - 1550 61 018 5141

TY Y 30.3-45291222-004:2024

UAV (FPV quadcopter) "RAROG-8" (low-light camera)

Specification:

UAV (FPV quadcopter) 8-inch "RAROG-8" – 1 unit

Battery pack 6S2P 10,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 2.0 kg

Camera – low-light-sensitive

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9-6.2 GHz



NSN code - 1550 61 018 5142

UAV (FPV quadcopter) "RAROG-8T" (thermal camera)

Specification:

UAV (FPV quadcopter) 8-inch "RAROG-8T" – 1 unit

Battery pack 6S2P 10,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 2.0 kg

Camera – thermal imaging

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9-6.2 GHz



NSN code - 1550 61 018 5143

UAV (FPV quadcopter) "RAROG-8-ATHM" (low-light camera)

Specification:

UAV (FPV quadcopter) 8-inch "RAROG-8-ATHM" – 1 unit

Battery pack 6S2P 10,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 2.0 kg

Camera – low-light-sensitive

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



Automatic Target Homing Module
"KORSAN"



NSN code - 1550 61 018 5144

UAV (FPV quadcopter) "RAROG-8T-ATHM" (thermal camera)

Specification:

UAV (FPV quadcopter) 8-inch "RAROG-8T-ATHM" – 1 unit

Battery pack 6S2P 10,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 2.0 kg

Camera – thermal imaging

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



Automatic Target Homing Module "KORSAN"



NSN code - 1550 61 018 5145

UAS «RAROG-10»



UAV (FPV quadcopter)
"RAROG-10" – 50 units

UAV (FPV quadcopter)
"RAROG-10T" – 50 units

UAV (FPV quadcopter)
"RAROG-10-ATHM" – 50 units

UAV (FPV quadcopter)
"RAROG-10T-ATHM" – 50 units



"RAS Ground Station" – 1 set

Video and control signal repeater
"RAS-R" – 1 set

Transport containers – 20 units

NSN code - 1550 61 018 4922
TY Y 30.3-45291222-005:2024

UAV (FPV quadcopter) "RAROG-10" (low-light camera)

Specification:

UAV (FPV quadcopter) 10-inch "RAROG-10" – 1 unit

Battery pack 6S3P 15,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 3.0 kg

Camera – low-light-sensitive / thermal imaging

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



NSN code - 1550 61 018 4923

UAV (FPV quadcopter) "RAROG-10T" (thermal camera)

Specification:

UAV (FPV quadcopter) 10-inch "RAROG-10T" – 1 unit

Battery pack 6S3P 15,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 3.0 kg

Camera – low-light-sensitive / thermal imaging

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



NSN code - 1550 61 018 4924

UAV (FPV quadcopter) "RAROG-10-ATHM" (low-light camera)

Specification:

UAV (FPV quadcopter) 10-inch "RAROG-10-ATHM" – 1 unit

Battery pack 6S3P 15,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 3.0 kg

Camera – low-light-sensitive / thermal imaging

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



Automatic Target Homing Module
"KORSAN"



NSN code - 1550 61 018 4925

UAV (FPV quadcopter) "RAROG-10T-ATHM" (thermal camera)

Specification:

UAV (FPV quadcopter) 10-inch "RAROG-10T-ATHM" – 1 unit

Battery pack 6S3P 15,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 15 km

Maximum payload – 3.0 kg

Camera – low-light-sensitive / thermal imaging

Control frequencies – 400 / 540 / 750 / 915 / 970 MHz
(selectable according to customer requirements)

Video – analog 4.9–6.2 GHz



Automatic Target Homing Module "KORSAN"



NSN code - 1550 61 018 4926

UAV (FPV quadcopter) "RAROG-Optik-15"

Specification:

UAV (FPV quadcopter) 13-inch
"RAROG-Optik-15" – 1 unit

Battery pack 6S5P 25,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with
maximum payload – 15 km

Maximum payload – 2.0 kg

Camera – low-light-sensitive

Control – fiber-optic

Video – fiber-optic



TY Y 30.3-45291222-006:2025

UAV (FPV quadcopter) "RAROG-Optik-15T"

Specification:

UAV (FPV quadcopter) 13-inch
"RAROG-Optik-15T" – 1 unit

Battery pack 6S5P 25,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with
maximum payload – 15 km

Maximum payload – 2.0 kg

Camera – thermal imaging

Control – fiber-optic

Video – fiber-optic



TY Y 30.3-45291222-006:2025

UAV (FPV quadcopter) "RAROG-Optik-20"

Specification:

UAV (FPV quadcopter) 13-inch
"RAROG-Optik-20" – 1 unit

Battery pack 6S6P 30,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with
maximum payload – 20 km

Maximum payload – 1.5 kg

Camera – low-light-sensitive

Control – fiber-optic

Video – fiber-optic



TY Y 30.3-45291222-007:2025

UAV (FPV quadcopter) "RAROG-Optik-20T"

Specification:

UAV (FPV quadcopter) 13-inch
"RAROG-Optik-20T" – 1 unit

Battery pack 6S6P 30,000 mAh – 1 unit

Initiation board – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with
maximum payload – 20 km

Maximum payload – 1.5 kg

Camera – thermal imaging

Control – fiber-optic

Video – fiber-optic



TY Y 30.3-45291222-007:2025

UAV (kamikaze aircraft) "RAROG-KRL-60"

Specification:

UAV fixed-wing type "RAROG-KRL-60" – 1 unit

Battery pack 6S2P 10,000 mAh – 2 units

Initiation board – 1 unit

Cumulative-fragmentation payload container
– 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum
payload – 60 km

Maximum payload – 3.0 kg

Camera – low-light-sensitive

Control – custom modified ELRS 400 MHz

Video – analog 4.9–6.2 GHz, 10 Watts



TY Y 30.3-45291222-008:2025

UAV (kamikaze aircraft) "RAROG-KRL-60T"

Specification:

UAV fixed-wing type "RAROG-KRL-60T" – 1 unit

Battery pack 6S2P 10,000 mAh – 2 units

Initiation board – 1 unit

Cumulative-fragmentation payload container – 1 unit

Transport container – 1 unit

Key features:

Tactical operational range with maximum payload – 60 km

Maximum payload – 3.0 kg

Camera – analog thermal imaging, 640×512

Control – custom modified ELRS 400 MHz

Video – analog 4.9–6.2 GHz, 10 Watts



TY Y 30.3-45291222-008:2025

Repeater carrier "RAROG-R"

Frame material – carbon fiber

Control frequency – 2.4 GHz

Video signal frequency – 2.4 GHz

Camera – forward-facing, 720p

Flight modes – altitude hold, position hold, auto return-to-home

Control range – up to 2 km

Flight time – up to 60 minutes

Battery – 6S3P Samsung, 2 units

Dimensions – 67×67×22 cm



Video and control signal repeater "RAS-R"

Video reception – 4.9–6.2 GHz

Video transmission – 1.3 GHz

Control signal reception – 400 / 530 / 750 / 915 / 970 MHz (optional, based on customer requirements)

Control signal transmission – 400 / 530 / 750 / 915 / 970 MHz (optional, based on customer requirements)

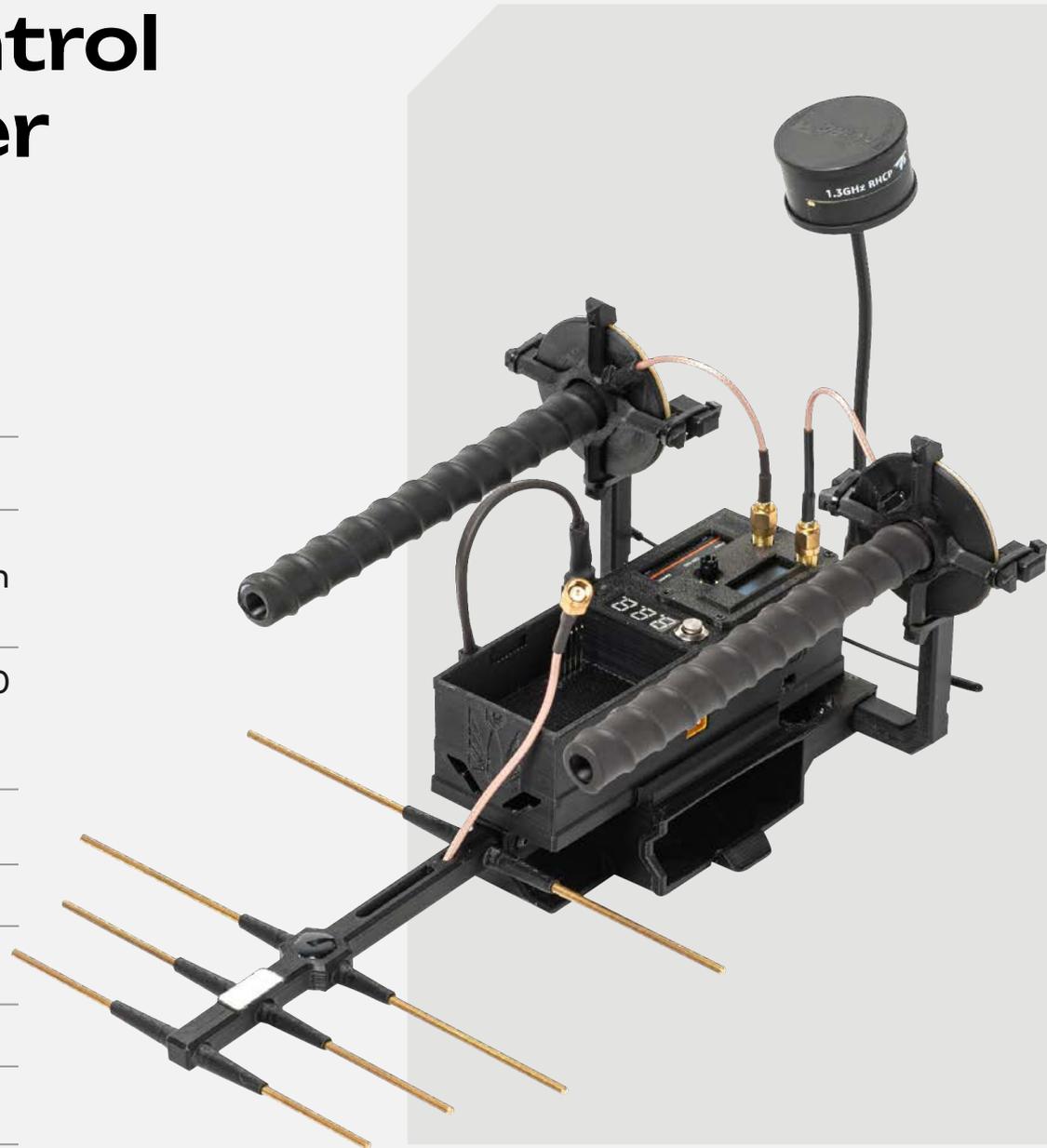
Video antenna – 4.9–6.2 GHz, 12 dBi

Control antenna – YAGI, 5 dBi

Power supply – 3–6S

Relay range – up to 30 km

Dimensions – 36×19×9 cm



Ground control station "RAS Ground Station"

Mast height – 8 m

Video reception frequencies – 4.9–6.2 GHz and 1.3 GHz

Control frequencies – 400 / 530 / 750 / 915 / 970 MHz (optional, according to customer requirements)

Power supply – 6S

Cable length to operator – 50 m

Power cable length – 15 m

Operating range – up to 30 km

Autonomous operation time – from 3 hours

Remote channel switching and transmitter shutdown



Control and monitoring station

Monitor – 19"

Remote control panel – TX12

Power supply – 220 V, 6S battery

Video input – HDMI

Video output – 1× RCA

Tablet video output – Type C

Recording – Micro SD

Dimensions – 62×40×30 cm





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