



# RAMPAARD AMMUNITION DROP UAV System

R1/R2

## GENERAL SPECIFICATIONS (R1-R2)

Number of Rotors	4
Propeller Specifications	32x11
Ammunition Capacity	4 x 60mm or 2 x 82 mm Or 1 x 120 mm
Data and Video Link	10 km (15 km with 12dbi long range antennas on both end)
Autopilot	Pixhawk Orange Cube+ / ADT Custom Autopilot
Flight Time	30 min (max) with min payload 120mm payload = 10 km ( 5+5)
Cruise Speed	35 km/h
Max Speed	60 km/h
Flight Range	More than 15 km (Radius)
Length (With Propeller)	2012 mm
Length (Without Propeller)	1200 mm
Rotor Diameter	812 mm
Wind Resistance	13 m/s
Battery	4 x 24V 22AH (LiPo Battery)
Charger	2 x FAST Charger with 4 slots total
Max. Altitude	6000 m MSL
Max Payload	19 kg
MTOW	38 kg
Max. Climb rate	3 m/s
Max. Descent rate	5 m/s
Max wind resistance	13 m/s
Operational range (radius)	15 km
Practical ceiling	1000 m
Endurance	30 min with 8 kg payload
Onboard power supply	48 V - 24 V - 12 V - 5 V
Temperature range	-40°, + 60 ° C
Base takeoff and landing area	3m x 3m
Take off and landing	Fully Autonomous
Dustproof and waterproof	YES -IP65
TETHER (Optional)	upto 150 m



### GPS Anti-Jamming - Anti-Spoofing Options

GPS Anti-Jamming - Anti-Spoofing (Optional)  
Tualaj Anty / 4100 / 8200

### Camera Systems

#### Daytime Camera with Zoom (R1)

10X Optic Zoom  
3x Digital Zoom  
30x Hybrid Zoom

#### Daytime Camera with Zoom (R2)

3840x2160 (ch1) / 1920x1080 (ch2)

#### Optical Zoom (R2)

14X Optical Zoom

#### Thermal Camera (R2)

704x576 Thermal / -20 to +550 C Measuring Range

#### Recording

(R1-R2) 2K (R1) 4K (R2)

#### Ground Station

Ruggedized System YES  
Tracker Antenna 360 YES  
Battery YES  
Stainless Steel + Trackball & Keyboard

## ADT Havacılık ve Savunma Teknolojileri A.Ş

Head Office : Kılıçlı Paşa Mah. Meclis-i Mebusan Cad. Ulkuhan No: 29/6 Beyoğlu / İSTANBUL / TÜRKİYE

Istanbul Factory : Merkez Mah. Selimiye Cad. No: 1/1 34782 Çekmeköy / İSTANBUL / TÜRKİYE

Ankara R&D Hub : Ostim OSB Mah. 100. Yıl Blv. Ostim Teknopark No:55 E /34, 06560 Yenimahalle/ANKARA / TÜRKİYE

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