



SANCAK RWS Technical Specifications

Data subject to change without notice.

GENERAL	
Turret Type	Remote Controlled
Main Armament	12.7 mm M2 Heavy MG or
	30 mm Automatic
	40 mm AGL or
Traverse	7.62 mm MG
	360° Continuous, Electrical with manual back-up
Elevation	-20° to +60°, Electrical with manual back-up
Max Rotation Speed	> 1 rad/s (Tra/El)
Stabilisation	Electric Drive with Two-Axis Stabilisation

SIGHT & FIRE CONTROL SYSTEM	
Thermal Imager	
Daylight Camera	
Laser Range Finder	
Automatic Target Tracking	
Electronic Image Stabilisation	
Moving Target Indication	
Picture in Picture (8x Electronic Zoom in a Separate Window)	
Manual Firing	
Low Ammunition Warning system	
Deck-clearance Algorithms for No-Fire Zones and No-Motion Zones	
Double Handle	

WEIGHT & DIMENSIONS	
Total Weight	488 kg
Ring Gear Diameter	260 mm
Swing Radius	1,310 mm
Width	1.27 m
Height	0.86 m

PROTECTION	
All Around Ballistic Protection	STANAG 4569 (Level Classified)



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OVERVIEW



The SANCAK (RWS), stands out in its class with distinctive technical specifications and ballistic protection.

An unmanned system, the SANCAK ensures personnel safety and considerably increases hit probability thanks to its fire control system. To ensure their availability during operations, especially in urban areas, RWS need to be fitted with ballistic protections; it has been demonstrated that turrets are often hit not only by enemy fire but also by debris and fragments scattered around during combat actions, which can cause damages and put the RWS out of order. Thanks to its ballistic protection, which level remains undisclosed, the SANCAK RWS is capable to carry out its mission with maximum reliability.

The SANCAK RWS can be equipped with an M2 12.7 mm/.50 calibre machine gun, a Mk19 40 mm automatic grenade launcher, an M240 or an FN MAG58 7.62 mm machine gun. It can be fitted to different types of platforms ranging from light vehicles to main battle tanks. The system is in service with a Middle East customer and with the Turkish Armed Forces



Watch the Video

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