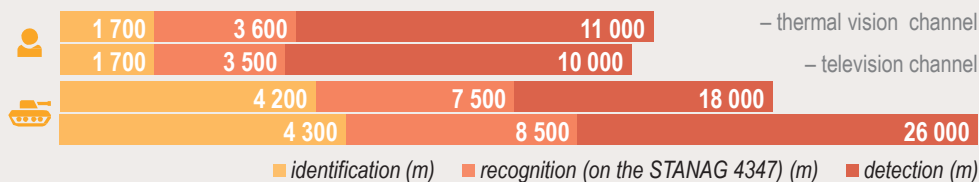


The rotary support provides 360° azimuth rotation and a tilt angle from -10° to +80°.



YASTREB-D

ROTATING OPTIC-ELECTRONIC STATION

The Rotating Optic-electronic Station Yastreb-D is designed to conduct reconnaissance of the air space round the clock, as well as automatically detect and track targets with the determination of their exact coordinates, and calculate a target lead.

The station includes a cooled thermal imaging module that allows it to detect air targets at long distances.

	television	thermal vision
Receiver type	CMOS NIR-enhanced	Cooled receiver
Spectral sensitivity	0.4 – 1.1 μm	3 – 5 μm
Receiver resolution	1280x1024	640x512
Objective	F2.7/15-360 mm	F4/15-330 mm
Narrow field of view	1.2°x0.9°	1.67°x1.33°
Wide field of view	26°x19°	35.4°x27°
Image transmission	Ethernet	
Frame frequency	30	
Power Supply	10...28 V	
Power consumption	85 W	
Operating temperature range	-30°C...+50°C	
Range-finder		
Emission wavelength	1550 nm	
Target detection range	NATO standard target – 5000 m Full-height figure target – 3000 m	
Ranging accuracy	±2 m	