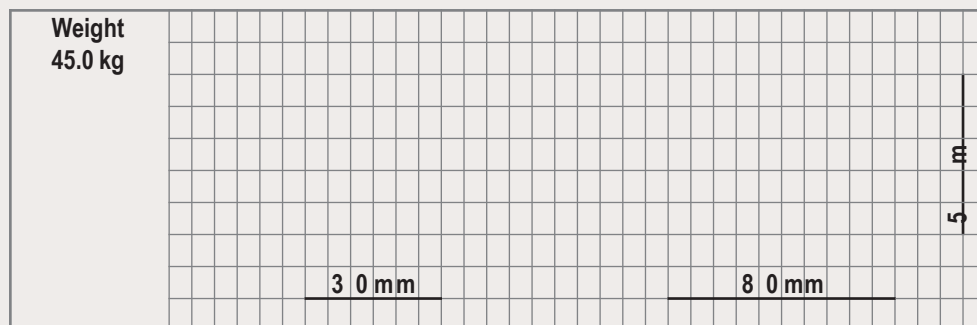


STRIZH-M3D

OPTICAL-ELECTRONIC STATION

The optical-electronic station is a multispectral system, which is designed to conduct reconnaissance of ground and 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 rotary support provides 360° azimuth rotation and a tilt angle from -10° to +80°.



	television	thermal vision
Receiver type	CMOS NIR-enhanced	α -Si 17 μ m
Spectral sensitivity	0.4 – 1.1 μ m	8 – 14 μ m
Receiver resolution	1600x1200	640x480
Objective, narrow field of view	F1.8/100 mm	F1.0/150 mm
Objective, wide field of view	F1.4/35 mm	F1.2/50 mm
Narrow field of view	4°x3°	
Wide field of view	12°x9°	
Image transfer	Ethernet	
Frame rate	30 Hz	
Control	Ethernet	
Battery/Power	19 – 32 V	
Power consumption	120 W	
Operating temperature range	-40°C...+50°C	
Range-finder		
Emission wavelength, nm	1550 nm	
Target detection range, m	8 km	
Ranging accuracy, m	±2 m	

