



01 / CAPABILITY OVERVIEW

TPN-1MS

TPN-1MS passive gunner periscope



FIG 01 PRODUCT CONFIGURATION

x8.5

MAGNIFICATION

 ≥ 7.15 deg

FIELD OF VIEW

2.1 kg

WEIGHT

**0.21 mrad (30
lp/mm)**

RESOLUTION

01.1 / OVERVIEW

Passive optoelectronic gunner periscope for the T-55 tank for night observation and firing, reduced in size and weight relative to TPN-1.

TYPE

Periscope

STANDARD

Eastern

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

TPN-1MS / TECHNICAL EQUIPMENT

PERFORMANCE

Magnification	x8.5
Field of view	>= 7.15 deg
Resolution	0.21 mrad (30 lp/mm)

INTERFACES AND OPERATION

Operating temperature	-30 deg C to +50 deg C
Power supply	24 V - 30 V

PHYSICAL DATA

Weight	2.1 kg
Length/Width/Height	320x260x160 mm

ADDITIONAL TECHNICAL DATA

Distance of detecting targets	>= 1000 m
Distance of target recognition	>= 850 m
Overpressure	0.2 kPa, 10 min
Image intensifier	HD 2100, Gen II+
Set	One image intensifier tube, spare parts and accessories