

PUMA-TVK

TELEVISION SIGHT



PUMA-TVK is a day/night television sight.

PUMA-TVK is made on the basis of highly sensible monochrome TV camera, is designed for passive detection and identification of targets on battlefields and aiming when firing by day and at night using small arms of up to 12.7 mm at ranges up to 2000 m.

PUMA-TVK is based on the high-sensitive CCD array with a system of electronic accumulation and multiplication of a signal.

The sight design provides a possibility:

- to connect the sight to an external power source;
- to transmit video information (**USB 2.0**) observed by the shooter in the sight and readings of built-in digital compass to an electronic carrier (the broadcasting of information on radio channel or wired network is possible);
- to use IR-illuminators (810...940nm).

TECHNICAL PARAMETERS

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Detector	CCD camera 1/2" (752x582)
Range of operation illumination	0,005...50 000 lux
Micro display	OLED (800x600)
Optical Zoom	4X
Digital Zoom	2X
Angular field of view	5,2° x 3,9° (6,5°)
Objective lens EFL, mm	F 1,2/70
Eye relief, mm	50
Diopter adjustment, dptr	±5
Video output	USB 2.0
Parallax compensation, m	10... ∞
Shooting distance, m	Day - up to 2000m Night - up to 400m
Weight (without batteries), max, kg	1,6
Mounting	MIL-STD 1913
Dimensions, mm	220 x 107 x 107
Battery size	2x 18650 li-ion battery Rechargeable (3,7 V)
Continuous operation time, h	6
Operation temperature, °C	-20...+50