

# REMOTE CONTROL WEAPON STATION TYPHON II



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TYPHON II system is designed to equip special destination armored vehicles involved in terrestrial and/or air target combat actions. The whole system is controlled by a performant electronic command and control unit. Manual control is the second option of the TYPHON.

### The TYPHON II system ensures:

- Day and night time objects detection identification and recognition;
- Automatic or manual control of fire, using a ballistic computer;
- Automatic aiming.
- System equipped with BAC 002 and BS 002 devices additionally provides:
  - Automatic target tracking and image fusion.
- System additionally equipped with SPDI 001 and NF 001 devices provides:
  - Storage of the images of the objects;
- Positioning of the objects on a digital map;
- Processing of digital data for long-range transmission.

## COMPONENTS:

- **7.62 mm weapon system**
- **The pan and tilt platform**
  - Azimuth travel range:  $\pm 360^\circ$
  - Elevation travel range:  $-5^\circ \div +60^\circ$
- **BAC 001 command and control block**
  - For complete control of sensors block, laser rangefinder and pan & tilt unit.
- **BS 001 sensors block**
  - Uncooled Thermal Camera
  - Wavelength:  $8\div 12\mu\text{m}$
  - Color CCD camera
- **TL 1.54  $\mu\text{m}$  laser rangefinder**
  - Type: eye-safe 1.54  $\mu\text{m}$
  - Measuring Range: 50 m  $\div$  10 000 m
  - Accuracy: 5 m
- **Ruggedized multifunctional display**

### Optional:

- BS 002 + BAC 002 with integrated function of image fusion and video tracking
- NF 001 North Finder
- SPDI 001 – data and image processing system

## TECHNICAL DATA:

- **Supply voltage:** 18  $\div$  32 Vdc
- **Current consumption:** 20  $\div$  30 A
- **Operating temperatures range:**  $-32^\circ \div +49^\circ\text{C}$
- **Storage temperatures range:**  $-40 \div +60^\circ\text{C}$
- **Azimuth speed:**
  - Maximum:  $> 1 \text{ rad/sec}$
  - Minimum:  $\leq 0.30 \text{ mrad/sec}$
- **Elevation speed:**
  - Maximum:  $> 0.4 \text{ rad/sec}$
  - Minimum:  $\leq 0.30 \text{ mrad/sec}$
- **Dimensions:** 500 x 580 x 740 mm

