

# ZSRD 07 - 7.62 MM WEAPON STATION

ZSRD 07 Weapon Station is designed to be equipped with the 7.62 mm machine gun mount for the 7.62 x 54 mm or 7.62 x 51 mm ammunition. ZSRD 07 frame is based on the U-type manipulator with integrated weapon mount including sensor container comprising surveillance TV camera, aiming TV camera and IR camera, optionally may be fitted with the laser rangefinder. The frame is based on the U-type pan and tilt platform integrated with weapon mount and sensor container equipped with surveillance TV camera, aiming TV camera and IR camera, optionally laser rangefinder. The ZSRD 07 features user-friendly interface and both HW and SW structures to provide easy control/command for the gunner-operator.

|                            |  |
|----------------------------|--|
| Combat weight              | External mount (incl. MG with ammo) – 186 kg<br>81 mm SGL (incl. SG DGO-3) – 30.5 kg<br>Operator's station – 19.5 kg         |
| Basic dimensions (with MG) | 1130 x 624 x 1046 mm (l x h x w)   |
| Weapon system              | 7.62 mm PKT MG for 7.62x54R round<br>7.62 mm UKM-2000C MG for 7.62x51 NATO round<br>7.62 mm FN MAG MG for 7.62x51 NATO round |
| Ammo at armed position     | Ammo container for 500 rounds  |
| Range of aimed fire        | maximum 1 200 m  |
| Stabilization              | In both axes, RMS up to 1.5 mrad   |
| SGL                        | May be fitted with 6 ELG   |
| Ammunition (type SG)       | 81 mm DGO-3  |
| Smoke screen period        | min. 30 s  |
| SG camouflage              | Wavelengths ranging between 0.4 and 14 µm  |
| Laser detection            | 360° - optional  |

## TECHNICAL DATA TAROS V4

|  |                       |
|--|-----------------------|
| Length / Width / Height                            | 2830 / 1780 / 1250 mm |
| Operating weight                                   | 1500 kg               |
| Payload  | 1000 kg               |
| Total weight                                       | 2500 kg               |
| Max. speed - paved road / dirt road                | 15 km/h / 10 km/h     |
| Max. speed - difficult terrain, autonomous driving | 1-5 km/h              |
| Transverse slope accessibility                     | Max. 30°              |
| Step height  | 250 mm                |
| Approach angle front / rear                        | 60° / 60°             |
| Battery capacity                                   | 341 Ah                |
| Range using TAKB                                   | 40 km                 |
| Range generator (hybrid)                           | Max. 700 km           |



[WWW.VOP.CZ](http://WWW.VOP.CZ)



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# TAROS V4

## UGV WEAPON SYSTEM

Unmanned ground vehicle TAROS V4 is designed and built for operation in extreme environmental conditions with capabilities that allow soldiers to operate from a protected position by using stabilized precision optics and laser to observe, detect, and engage targets with increased accuracy and reduced collateral damage.

