YUGOIMPORT SDPR J.P.

UPAOS

Artillery electronic goniometer

UPAOS is an optoelectronic device used for general observation and positional awareness. It provides the user with positional data for both himself and his chosen target, using a built in laser rangefinder, personal GPS and a digital compass. The device is equipped with a daytime camera and a thermal camera in order to ensure complete day/night usability. The unit is designed to perform under harsh environmental conditions, defined by military standards.

Technical characteristics:

- Laser type — Eye-safe
- Laser wavelength — 1540 nm
- Laser energy — ≤8 mJ or ≤15 mJ
- Laser beam divergence — ≤1 mrad
- Distance measuring range — 60-10000 m
- Distance measuring accuracy — ±5 m
- Measured distance display — for 2 targets
- Measured distance frequency — ≥ 6 measuring/min.
- Data transfer — RS 232
- Daytime video camera zoom — 12x
- Ocular with OLED display magnification — 10x
- Display — digital TFT LCD, 3.5”
- Thermal camera — DRI
- Thermal camera detector type — uncooled, Vox
- Thermal camera resolution — 800x600 pixels
- Thermal camera digital zoom — 2x, 4x, 8x
- Thermal camera optical zoom — 1-8x
- Digital magnetic compass — north accuracy 0,45° (8 mils)
- Compass measuring frequency — 15 measuring/s
- GPS position accuracy — CEP50
- Horisontal/Vertical accuracy — SPS≤5 m, SBAS≤5 m
- Angle measuring accuracy — ≤ 1mils
- Horizontal angle measuring range — 0-6400 mils
- Vertical angle measuring range — ±500 mils

Should you have any further enquires, please do not hesitate to contact us at **office@yugoimport.com**