

TOMS

Tank commander's panoramic surveillance and observation station

Tank commander's panoramic surveillance and observation station (TOMS) provides commander with panoramic battlefield surveillance and observation during daylight, night and adverse weather conditions.

TOMS provides following functions:

- Target acquisition and engagement (in hunter-killer mode),
- Automatic target tracking,
- Target coordinates measuring including range finding and data transmission to the battlefield management system (BMS).

TOMS is comprised of two axis stabilized positioning platform with following integrated elements:

- Laser rangefinder,
- Wide field of view color CCD TV camera,
- Narrow field of view black & white CCD TV camera,
- Thermal imaging camera,
- Mechanism for raising & lowering, in order to achieve better observation of battlefield conditions.

