VOP CZ SECURITY

UGV TAROS

UNMANNED ROBOTIC GROUND SYSTEM

DESCRIPTION OF THE SYSTEM

The UGV TAROS is an autonomous robotic vehicle primarily intended for guarding important areas or individual structures. There are also many other specific options for its use, mainly in complicated operating environments under a high degree of risk.

APPLICATION

- private sphere
- security services
- power plants
- airports
- chemical plants
- government and military facilities
- state borders

BENEFITS

- modular system concept
- high variability enabling a broad range of use
- autonomous functions
- use in contaminated or otherwise high-risk environments
- substitutability and reduction of the risk of loss of live resources

SPECIFICATIONS

The UGV TAROS can be used to monitor the perimeter of critical infrastructure (and other important structures), and also during protection of such structures using lethal or non-lethal weapons systems.

- option of equipping the device with weapons, sensor and robotic systems
- modular system concept (4x4, 6x6 and 8x8 configuration)
- autonomous travel between GPS coordinates
- autonomous travel along a set of coordinates (waypoint navigation)
- autonomous travel using the camera system
- economic and quiet operation
- long battery life (option of regular recharging using the combustion engine)
- option of integrating into existing security systems

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