








ARCA

REMOTE CONTROL FOR WEAPON SYSTEMS

-  Shock and vibration resistance
-  Control over large distance
-  Single workstation to control several weapon systems
-  Minimal risk to operator and crew
-  Simple control

ARCA is a device designed to control a tower assembly (containing a weapon system) or a monitoring system (manipulator together with a camera, sensor head, without a weapon system) from a portable control case via fiber optic, via Ethernet cable or via radio wireless transmission. The distance between the controlled assembly and the external control case depends on the type of transmission system specified, with a range of several meters to several kilometers. Therefore, such control can be used in mobile applications such as armored vehicles (with a turret assembly or camera system), but also in static object protection solutions with central control located in a control center.

Technical description:

ARCA remote weapon system control provides positioning control of bayoneted weapons, operation of weapon controls, and controls shooter/commander sight functions. ARCA consists of three parts:

- **DOK (remote control-case)** – portable control case, which contains the control elements, removable control handle with thumb joystick, monitor for displaying the menu with setting options and also the image from the sight cameras
- **DOV (remote-control-vehicle)** – a module that connects as an interface to an existing weapon system
- **Data transmission** – which provides the connection between the DOK and the DOV via Optics/Ethernet/RF

ARCA is characterized by its great variability of use for controlling various weapon systems, weaponless camera monitoring systems as well as the possibility to select the data transmission.