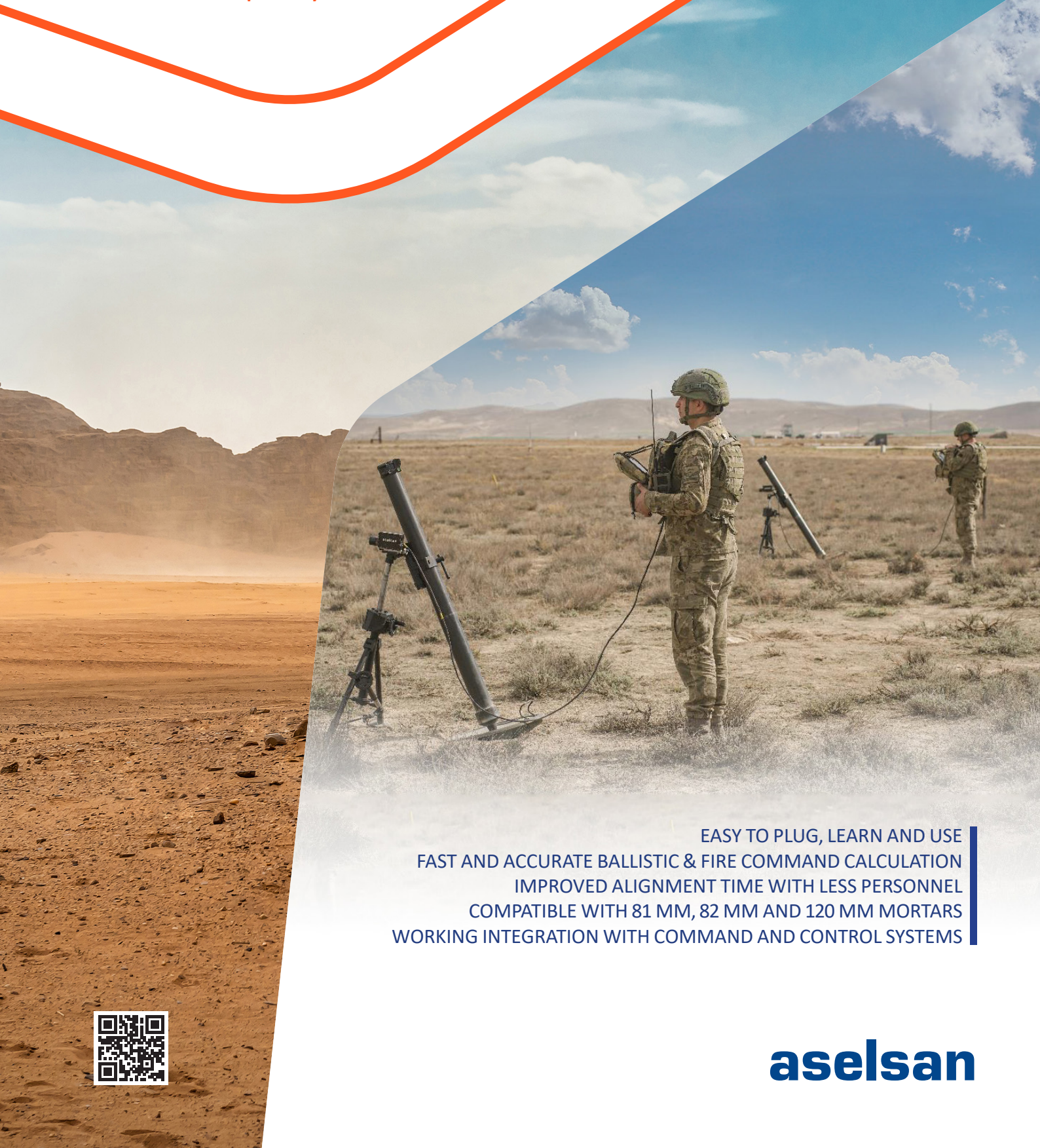




110/81, 110/120
MORTAR ELECTRONIC DIRECTION
AND ALIGNMENT SYSTEM
#LandandWeaponSystems



EASY TO PLUG, LEARN AND USE
FAST AND ACCURATE BALLISTIC & FIRE COMMAND CALCULATION
IMPROVED ALIGNMENT TIME WITH LESS PERSONNEL
COMPATIBLE WITH 81 MM, 82 MM AND 120 MM MORTARS
WORKING INTEGRATION WITH COMMAND AND CONTROL SYSTEMS



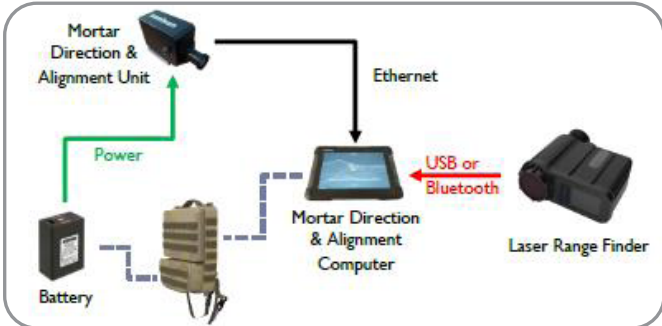
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110/81, 110/120

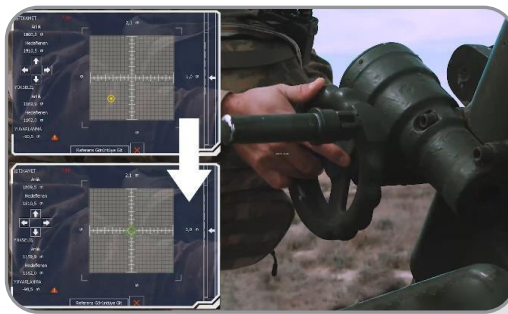
MORTAR ELECTRONIC DIRECTION AND ALIGNMENT SYSTEM

ALKAR 110/81 and ALKAR 110/120 Mortar Electronic Direction and Alignment System offers the user to decrease mortar alignment time, eliminate errors such as wrong leveling or directing, decrease the number of personnel needed to set up and operate the mortar, decrease time between fires and determine the fire command on the mortar.



General Specifications of Mortar Electronic Direction and Alignment System

- Usability with all kind of mortar ammunition and barrel
- Precise laying in accordance with the calculated fire command
- Precise position and barrel laying detection with alignment sensor and GPS
- Generating position, direction, altitude data and displaying on the map
- Mission-oriented, colored, graphical user interface
- Fast and accurate ballistic calculation by using NATO Armaments Ballistic Kernel (NABK) or firing tables
- Option to include sensor data to ballistic calculation, such as muzzle velocity measurement and meteorological data via digital communication
- Brand new bipod option for 81/82 mm mortar providing healthier mission execution
- Executing all mortar fire missions
- Demonstration of the Battlefield elements/information on a digital map
- Usability within any tactical and operational structuring
- Integration with Forward Observer Systems, Target Detection Radars and meteorological systems
- Integration with command and control systems
- Wired and/or wireless digital communication



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.