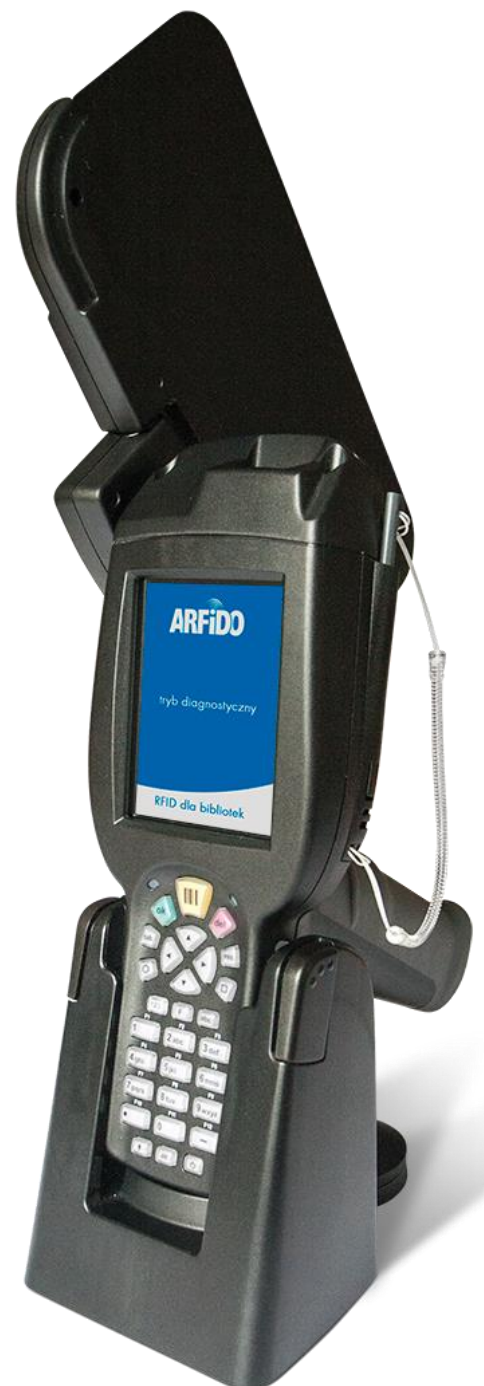# ARFIDO Assistant

Device for managing inventory, organization and inspection

The ARFIDO Assistant is a workstation for the hands-free identification of collections. It assists staff to conduct a physical inventory of book volumes. This device helps them to organize and inspect library collections without removing books from the shelf. Reading data is easy and convenient - just move the reader along the library racks.

ARFIDO Assistant

Mobile device for managing inventory and inspection

The device is compact (monoblock) and contains:

- RFID reader,
- Barcode reader,
- RFID antenna (antenna design allows the user to set the antenna in any position - ability to correlate the plane of the antennas and the RFID tag in order to increase RFID label detection),
- Touchscreen,
- Keyboard,
- Ergonomic handle for holding in hand,
- Built-in computer with pre-installed operating system,
- Application for identifying, sorting/organizing and inspecting collections.

The device running the application registers the scanned items, saves and organizes them. The software allows for the transfer of data to the library system.

The device allows for hands-free, fast and easy identification of collections:

- Inventorying,
- Searching for misplaced books,
- Searching for specific items,
- Possibility of parallel work, i.e. organizing the collection and searching for items,
- Possibility of organizing the collection by ranges or by a list,
- Import and export data in xml and csv format,
- Various operating modes, i.e. search mode, organizing mode and data read mode,
- Sound and visual notification,
- Reporting of work results.

Technical parameters of the device:

- RFID reader standards: ISO 15693, ISO 18000-3, EN 300 330, EN 60950, EN 300 683, CE, FCC,
- Data transfer: USB 2.0,
- Antenna range: up to 40 cm,
- Battery - battery life: 30 hours,
- Charging the battery and connecting to the computer - via docking device,
- Weight: 695g (one battery) 750 g (two batteries)
- Dimensions of the device: height 340 mm x width 105 mm x depth 265 mm.