

Scanning object: Chernivtsi National University (Residence of the Metropolitans of Bukovina and Dalmatia)

- Used equipment:
 1. Two laser scanners Leica P20
 2. One laser scanner Leica BLK 360
 3. drones: Matrice 210 RTK, DJI Mavic 2 Pro, and handheld camera Sony A7RII
 4. GPS EInav i73
- Scan volume:
 1. Over 3,000 laser scanning stations
 2. More than 20,000 photos
- Technical details:
 1. Scanning in color and without color in high resolution (6mm at 10 meters and above)
 2. Dark interiors with additional lighting
 3. Basements, attics and rooms without authentic color were scanned without color
- Coordinate system:
 1. EPSG:5563 (UCS-2000 / Gauss-Kruger zone 5)
- Programs for stitching and combining data:
 1. Stitching of scans: Leica Register 360. We attach a PDF report of the merger.
 2. Combining photos and scans: Reality Capture
- Duration of the process:
 1. The scan lasted more than one month.
 2. Processing for more than half a year.
- Additional content:
 1. Video is available on YouTube ([link](#)), Media materials are available in the "Media" folder to which you have been given access.
- Data formats:
 1. Laser scanning **.e57**

2. 3D on Nira.app ([link](#)) .obj