



Low profile



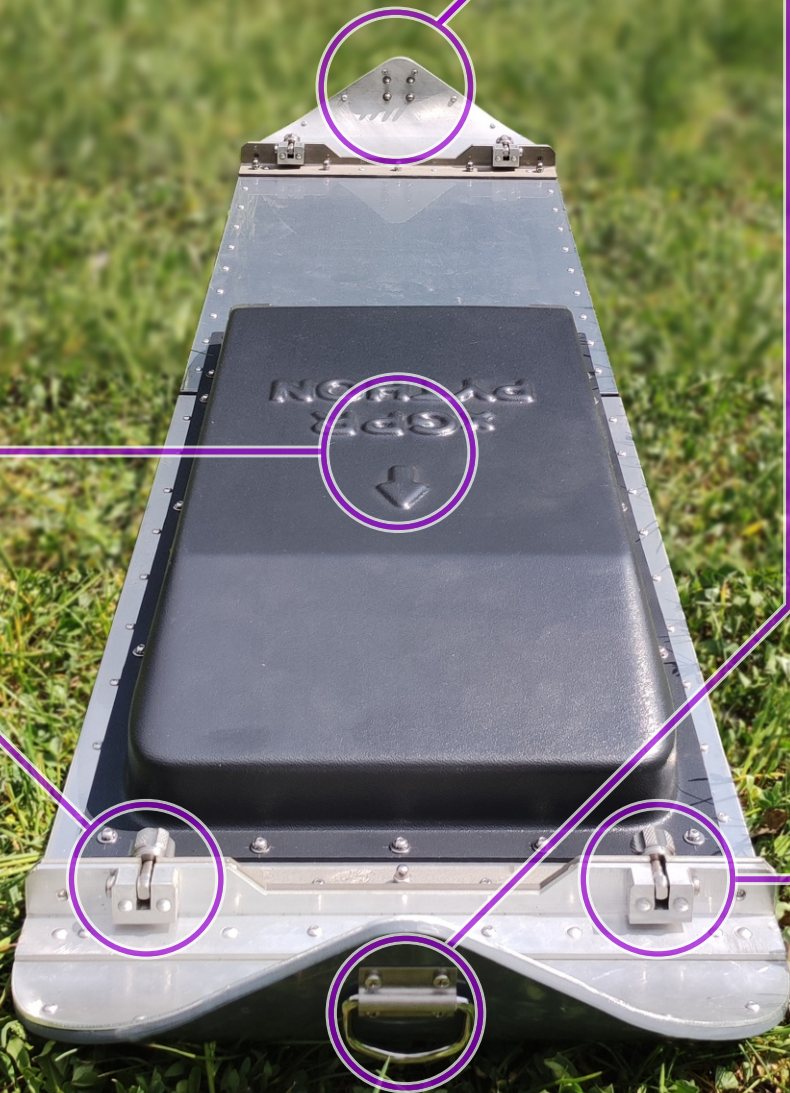
Quick antenna frequency
change 25/38/50/100 MHz



Simple assembling



Easy to use



PYTHON xGPR

Ground Penetrating Radar Python xGPR

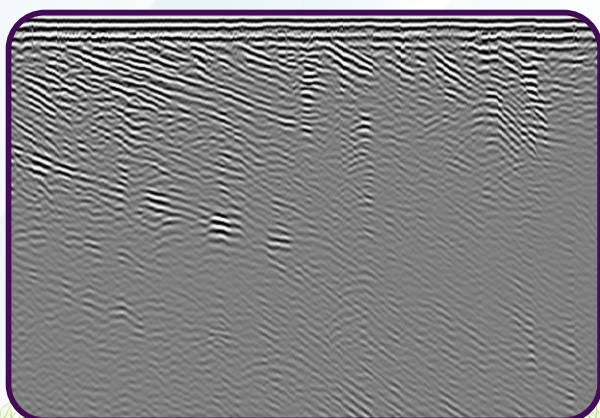
Real Time Sampling monostatic single-unit GPR



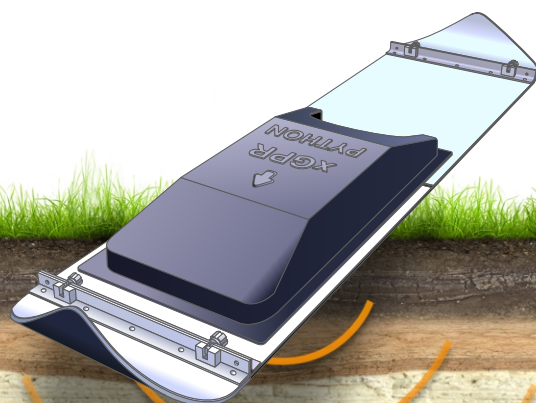
Python xGPR is a Real Time Sampling single-unit GPR. It expands the dynamic range and speeds up the moving speed. The high data rate is converted to the stacking (up to hundreds and thousands times), that gives a jump up for a Signal-To-Noise ratio, drops down noise floor, deepens penetration, helps to distinguish weaker signals than ever before. **Python xGPR** has a changeable central frequency 25/38/50/100 MHz.

System Advantages

- **Antenna central frequency:** 25-100 MHz
- **Time range:** 5-10000 ns with 18 ps step
- **Samples per trace:** 512-8192, **32 bits** per sample
- Data rate: up to 2500 traces per second
- **Hardware Stacking:** 4-65536 times
- Wireless data transfer via **WiFi**
- **Power consumption:** 0.6 A*h (up to 12 h of the field work per one charge)



Sandy dune sounding up to 35 m depth



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