

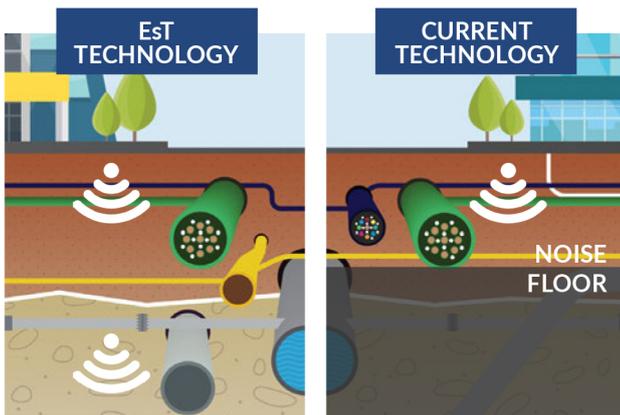
STREAM DP

The ultimate GPR array solution with EsT technology for the highest depth performance in 3D utility mapping.



Maximum depth, high resolution and versatile design for superior productivity in underground surveys.

Stream DP is the revolutionary multichannel GPR array solution for utility mapping and underground asset detection that overturns the state-of-the-art for underground surveys. Featuring the new radical Equalized scrambled Technology - EsT by IDS GeoRadar, Stream DP brings underground assets detection to the next level: the deepest one.



EsT | Equalized scrambled Technology: a new depth in utility detection.

Thanks to EsT, Stream DP is able to offer unparalleled GPR performance maximizing asset detection to a deeper range compared to any other solution available on the market. This technology is able to exploit the entire radiating performance of the antenna for full control of the GPR signal, performing the best noise rejection and capturing both the lower and higher frequencies for an extended depth range and an ultra-high resolution.

HIGH PRODUCTIVITY WITH NON-STOP PERFORMANCE

Stream DP boasts a massive array (30 channels in double polarization, 19VV + 11HH) for an accurate 3D reconstruction of the underground utility network created in a single scan. Stream DP meets the challenge of non-stop surveying performance with low battery power consumption and hot swap technology for the power supply.

DESIGNED FOR VERSATILITY: USER-CONFIGURABLE

Stream DP performs in all scenarios with its user-configurable hardware: from asphalt to rugged terrain configuration and vice versa. Ergonomically designed for easy handling and transportation, Stream DP can be efficiently deployed by a single user thanks to its light weight (max. 20kg per part) and its compact size that fits in a standard vehicle.

GREATER EFFICIENCY FOR SATISFACTION AND COST-SAVINGS

With Stream DP, surveys are facilitated and successfully managed by one operator as the system can be effortlessly deployed, assembled and disassembled. Time and costs for safe data collection are significantly reduced as traditional downtimes and limitations are removed by Stream DP's versatility and improved efficiency in surveying.

SYSTEM SPECIFICATIONS

- 30 channels (19VV+11HH)
- Positioning: Integrated Encoder and PPS; external GPS and TPS
- Max. Acquisition Speed: 14 km/h (8.7 mph)
- Scan width: 83 cm
- System size: 116X82 cm
- Total weight: 42 kg (92.6 lb)
- Environmental: IP65

NON-STOP PERFORMANCE

- Low battery power consumption (15-19W)
- Hot swap technology for power supply

GREATER EFFICIENCY

- Single operator assembly/disassembly
- Superior maneuverability
- Compact and light-weight design

MULTI-ENVIRONMENT CONFIGURATION

- Asphalt -> pivoting wheels
- Rugged -> terrain wheels

EST TECHNOLOGY

- Extended depth range and high resolution
- Unparalleled control of the GPR signal
- Patented technology



A.



B.

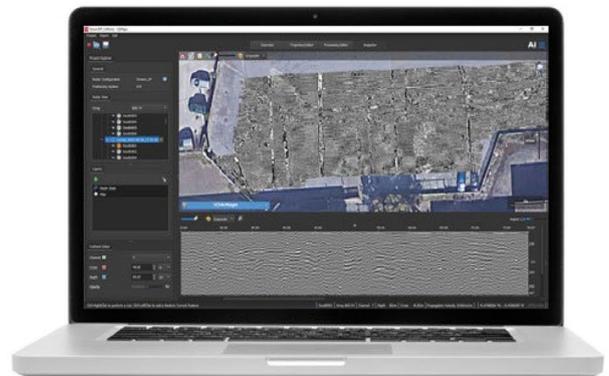
Designed to perform in different environments:
A. Rugged configuration with terrain wheels (grass, uneven ground, etc.)
B. Asphalt configuration with pivoting wheels for urban environments.

No-limit to data collection and easy management.

Stream DP employs the latest software technology solutions for data collection and post processing: **uMap** and **IQMaps**.

The on-field software **uMap**, allows for faster collection and improved management of data with an easy-to-use interface that even unskilled users can comfortably manage.

IQMaps is IDS GeoRadar's post-processing software application for the advanced analysis of GPR data, enabling fast interfacing between the user and GPR data itself.



siccion marketing, inc.

MAIN: CBS Building, 1800 A. Mendoza St., Sampaloc, Manila 1008 Philippines

(02) 8711- 8416 / (02) 8711 - 8422 / (02) 8711- 8945

marketing@smi-group.com.ph www.smi-group.com.ph

BRANCH: G/F, Benedicto IT Center, A.S. Fortuna St., Brgy. Bakilid, Mandaue City, Cebu

(032) 253 - 5987 0995 132 8705 smicebu@smi-group.com.ph

