IDS GeoRadar Stream T

Non-contact GPR investigation of tunnels and linings



Stream T surveys tunnel surfaces without running the antennas directly against the lining. The modular array can be configured for different tasks, with multichannel data compared in a spatial view. The system supports assessment of lining thickness changes, reinforcement routes and anomalies needing further investigation. Suitable mounting and a planned survey path are essential to maintain a controlled stand-off distance and obtain repeatable results.

Configuration and offer scope

System configuration, additional equipment, positioning and licence scope are agreed in an individual quotation. Before purchasing, choose a version suited to the task and the team workflow.

Configuration and price on request

Original adaptation and translation: geoscanners.pl. Based on IDS GeoRadar materials.

Photos and technical data: IDS GeoRadar / Hexagon.

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Operating method	Non-contact GPR acquisition
Family configurations	Full: Shallow + Deep; Mini: Shallow or Deep
Channels by configuration	Full: 17; Mini: 6
Antenna stand-off distance	Up to 20 cm
Full configuration radar coverage	1.12 m
Full configuration weight	35 kg
Acquisition power consumption	65 W
Power supply	External 12 V battery
Maximum acquisition speed	Up to 60 km/h
Positioning	Encoder / TPS
Scan rate	9 230 scans/s at 512 samples/scan
Ingress protection	IP65
Processing and export	GRED HD 3D CAD; export to 3D CAD

A gap up to 20 cm means the distance between the antenna and tunnel surface. Mounting, stand-off and speed selection are part of the survey design. Data requires interpretation in the context of the structure.

Prepared using the manufacturer documentation.

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Choose equipment for your work

GPR systems: configuration advice, demonstrations and individual quotations.

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