IDS GeoRadar Stream DP

Multichannel utility mapping with two polarisations



Stream DP collects data from thirty channels to represent underground utilities in space. Combining VV and HH polarisations helps analyse objects with different orientations relative to the survey direction. The platform can be prepared for paved or uneven surfaces. It suits teams seeking to connect field surveys with interpretation, documentation and further CAD work, rather than relying solely on individual radar profiles.

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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Central frequency / EsT range	600 MHz / 200-1000 MHz
Channels / polarisation	30: 19 VV + 11 HH
Survey swath width	82.5 cm
VV / HH channel spacing	4.3 cm / 7.5 cm
Survey interval	4 cm
Maximum acquisition speed	14 km/h
Positioning	Integrated encoder and PPS; external GPS and TPS
Power: acquisition / standby	19 W / 15 W
Maximum operating time	Up to 8 h; battery replacement during operation
Complete system weight	42 kg
System dimensions	116 × 82 cm
Ingress protection	IP65
Operating temperature	From -20°C to +50°C
Acquisition / data analysis	uMap / IQMaps

Actual range and data quality depend on the medium properties, moisture, target size and orientation, and survey method. Results require interpretation and comparison with available documentation. The 42 kg weight applies to the complete system; the 20 kg maximum refers to an individual transport component.

Prepared using the manufacturer documentation.

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Choose equipment for your work

GPR systems: configuration advice, demonstrations and individual quotations.

HEXAGON | IDS GeoRadar



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