TECHNICAL DATASHEET

Chaser XR



IDS GeoRadar ground penetrating radar with EsT technology

ANTENNA

Sensor frequency range	80-1500 MHz
Technology	EsT - Equalized scrambled Technology
Number of channels	2
Polarisation configurations	HH and VV
Antenna dimensions	41 × 41 × 19 cm
Antenna weight	4.8 kg without batteries
Scan rate	Up to 66 000 scans/s (scan/s)
Operating temperature	From -20°C to +50°C
Connectivity	LAN or Wi-Fi
Positioning	Encoder and GNSS; external GPS and TPS
Power - acquisition / standby	16 W / 12 W
Maximum operating time	Up to 8 h; hot swapping can extend operation
Manufacturer-declared compliance	CE, UKCA, FCC, IC

HAND-PUSH CART



Folded dimensions	750 × 625 × 420 mm
Dimensions in working position	750 × 625 × 1000 mm
Cart weight / cart with antenna	14 kg / 20 kg
Standard wheels	4 × Ø 310 mm
Optional wheels	4 × Ø 380 mm

SOFTWARE

uMap - acquisition	Automatic calibration, data viewing and storage; real-time time slices; NMEA positioning; multiple languages and unit systems; cloud services; acquisition also without a wheel encoder.
IQMaps - processing	3D data processing and direct export to AutoCAD; cloud data storage, sharing and access.

Available configurations: Lite Pack, Drag Kit, Positioning Kit, hand-push cart. Scope of supply, control device, positioning, accessories and licences are confirmed in the quotation.



Original adaptation: geoscanners.pl. Based on IDS GeoRadar materials.
Photos and data: IDS GeoRadar / Hexagon. Edition: 19.10.2026.

GeoScanners
SKLEP INTERNETOWY

Let's discuss your survey

Chaser XR: configuration advice, demonstration and a tailored quotation.

HEXAGON | IDS GeoRadar





Dr Eng Michał Dąbrowski

+48 796 837 252

michal.sklep@geoscanners.pl

Kraków

Eng Tomasz Dąbrowski

+48 505 655 881

tomasz.sklep@geoscanners.pl

Warszawa

Ask for a configuration and quotation

sklep.geoscanners.pl

sklep@geoscanners.pl

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

Photos and data: IDS GeoRadar / Hexagon. Edition: 19.10.2026.