

IDS GEORADAR HYDRA X

HYDRA-X Datasheet	
TECHNICAL SPECIFICATIONS	
Accuracy	< 0.1 mm ¹ (Line of Sight displacement)
Spatial Resolution	Range 0.2 m, Cross Range: 8 mrad @10 m, 0.2 m by 0.08 cm @50 m, 0.2 m by 0.4 cm
Max Operating Range	800 m
Field of view	120° (Horizontal) x 30° (Vertical)
Operating Temperature	-20°C to +55°C
Scan Time	30sec – 2 min
Power Consumption	100 W
Supply	110/230Vac, built-in battery, 12/24 V DC
Supply Autonomy	2 hours without mains power
Environment	All weather conditions IP65
SOFTWARE SPECIFICATIONS	
HYDRA Controller Acquisition & system management software	Power supply control Status information Preliminary data processing Session setup wizard
HYDRA Guardian Real time processing, data interpretation & early warning software	Automatic atmospheric correction Alarm generation with user-defined levels Multiple alarm criteria based on area definition 3D interactive data representation