

# IDS GEORADAR HYDRA U

HYDRA-U	
TECHNICAL SPECIFICATIONS	
Accuracy <sup>(1)</sup>	< 0.1 mm (Line of Sight displacement)
Spatial Resolution	Range 0.2 m, Cross Range: 8 mrad @10 m, 20 cm by 8 cm @50 m, 20 cm by 40 cm
Operating Range <sup>(2)</sup>	2 m to 200 m
Field of view	120° (Horizontal) x 30° (Vertical)
Operating Temperature	-20°C to +55°C
Scan Time	30 sec
Power Consumption	100 W
Supply	110/220 V AC - 12/24 V DC
Supply Autonomy	2 hours without mains power
Environment	IP65
SOFTWARE SPECIFICATIONS	
<b>HYDRA Controller:</b> Acquisition & system management software	Session setup wizard Power supply control Status information Preliminary data processing 3D surface acquisition
<b>HYDRA Guardian:</b> 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