

HYDRA-G	
TECHNICAL SPECIFICATIONS	
Accuracy	<0.1mm (Line of Sight.)
Spatial Resolution	Range 0.2 m, Azimuth: 8 mrad @10 m, 0.2 m by 0.08 m @100 m, 0.2 m by 0.80 m @500 m, 0.2 m by 4.00 m
Max Operating Range	200 m (Low Power configuration) 800 m (High Power configuration)
Field of view	Up to 120° (Horizontal) x 30° (Vertical)
Operating Temperature	-20°C to +55°C
Acquisition Time Interval	30 seconds
Power Consumption	100W
Supply	110/220 V AC - 12/24 V DC
Supply Autonomy	2 hours without mains power
Environment	IP65
SOFTWARE SPECIFICATIONS	
HYDRA Controller Acquisition & system management software	Acquisition configuration and management Status information Preliminary data processing
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 Email and SMS alarm forwarding 3D interactive data handling Output exportation to external software (CAD/GIS) External DTM importation
SurfScan 3D building monitoring software	Single point of control for the complete monitoring system Customizable scanned area selection Point mapping over camera picture for easy data

interpretation

Quick campaign set-up procedure

Flexible time series analysis panel for both real-time and post campaign analysis and reporting

Easy report generation