

| HYDRA-G   |  |
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| TECHNICAL SPECIFICATIONS  |  |
| Accuracy  | <0.1mm (Line of Sight.)  |
| Spatial Resolution  | Range 0.2 m, Azimuth: 8 mrad<br>@10 m, 0.2 m by 0.08 m<br>@100 m, 0.2 m by 0.80 m<br>@500 m, 0.2 m by 4.00 m   |
| Max Operating Range   | 200 m (Low Power configuration)<br>800 m (High Power configuration)  |
| Field of view   | Up to 360° (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   |  |
| <b>HYDRA Controller</b><br>Acquisition & system management software                         | Acquisition configuration and management<br>Status information<br>Preliminary data processing  |
| <b>HYDRA Guardian</b><br>Real time processing, data interpretation & early warning software | Automatic atmospheric correction<br>Alarm generation with user defined levels<br>Multiple alarm criteria based on area definition<br>Email and SMS alarm forwarding<br>3D interactive data handling<br>Output exportation to external software (CAD/GIS)<br>External DTM importation |
| <b>SurfScan</b><br>3D building monitoring software  | Single point of control for the complete monitoring system<br>Customizable scanned area selection<br>Point mapping over camera picture for easy data   |

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|  | <p>interpretation</p> <p>Quick campaign set-up procedure</p> <p>Flexible time series analysis panel for both real-time and post campaign analysis and reporting</p> <p>Easy report generation</p> |
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