



SURPHASER® — 3D LASER SCANNERS AND OEM PRODUCTS FOR LASER SCANNER MANUFACTURERS

Known for its unsurpassed accuracy and scan quality, the Surphaser line of scanners offers both short range and medium range models ideal for use in reverse engineering, dimensional control, historical preservation, architecture, and forensics.

SURPHASER 25HSX

- Sub-millimeter accuracy scanners with scan rate of up to 1 million points per second
- Designed to operate in industrial and outdoors environments
- Software allows export of clean and accurate data sets into PolyWorks®, RapidForm®, Geomagic®, Cyclone®, RealWorks® and other applications for processing
- Portable and easy to move around - fits into a compact carrying case

FOR 3D SCANNER DEVELOPERS AND MANUFACTURERS:

OEM products based on advanced Surphaser technology - range unit and software. Software options include everything for rapid development of customized 3D laser scanner system best suited for particular application.



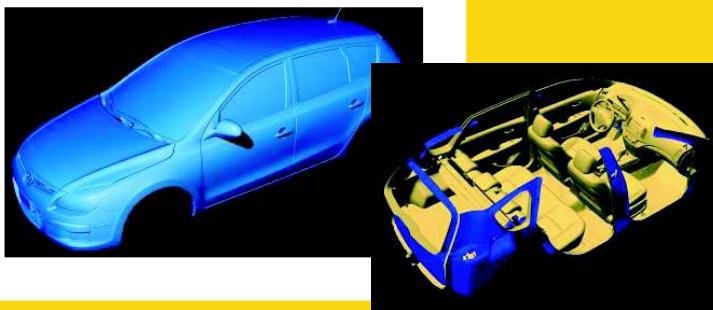
PO Box 649 Milsons Point
NSW 1565 Australia
t : 02 8212 4822
f : 02 8905 9237
e : email@qubic.com.au

Qubic



SURPHASER25HSX CASE STUDY I

HYUNDAI ELANTRA TOURING: TV COMMERCIAL



Exterior: 12 scans, 70 millions points

Scan time: 2 hours

PolyWorks **processing time** for alignment and polygon model creation: **4 hours**

SURPHASER25HSX CASE STUDY II

BLACK HAWK: CUSTOM DEVICE ATTACHMENT



Image courtesy of Mabat 3D Technologies Ltd.

**Scan time: front – 1.5 hours;
tail – 1 hour**

Software used: Cyclone for cleaning and registration, RapidForm for modeling

Processing time: 10 hours from point cloud to 3D surface models



Image courtesy of Mabat 3D Technologies Ltd.

Total time: 30 hours from start of the project to flight with a new object attached

Surphaser® is a registered trademark of Basis Software, Inc. All other trademarks are property of their respective owners.
Copyright© 2009 by Basis Software, Inc.

Basis Software, Inc.
4082 148th Ave NE,
Redmond, WA 98052

E-mail: info@surphaser.com
Telephone: 425-861-9390
Fax: 425-945-0015

www.surphaser.com