DAVID®

CATALOGUE

SLS-3

Structured Light 3D Scanning System

Part No:	79012874
Order No:	DAVID-SLS-3
EAN:	4260129049267

System requirements
- Standard-PC (32/64 bit - Windows Vista, 7, 8, 10)
- 3D graphics adapter
- Available VGA or HDMI port
- Two available USB ports
- Recommended: Dual-core processor, 64bit, 2 GHz, 4 GB RAM, NVIDIA or AMD graphics processor

Contents of package
- Industrial camera with high quality lens
- Video projector with special lens for large focal range, including remote control
- USB drive with DAVID PRO software
- Sliding rail (aluminium)
- Camera slider
- High quality tripod
- Calibration panels printed on both sides for multiple scan volumes
- Printed instructions
- All required connecting cables
- Adapters for power supply in over 150 countries
- Cable straps

Delivery terms

Package size	Qty	Weight
630x340x230 mm	1pc	9kg
Palett		
1200x800 mm	25pcs	247kg

SLS-2

Structured Light 3D Scanning System

Part No:	79012126
Order No:	DAVID-SLS-2
EAN:	4260129049168

Technical specification
- Scansize: 60–500 mm
- Resolution/Precision: Up to 0,1% of scan size (up to 0,06 mm)
- Scanning time: One single scan within a few seconds
- Mesh density: Up to 1,200,000 vertices per scan
- Export formats: OBJ, STL, PLY

System requirements
- Standard-PC (32/64 bit - Windows Vista, 7, 8, 10)
- 3D graphics adapter
- Available VGA or HDMI port
- Two available USB ports
- Recommended: Dual-core processor, 64bit, 2 GHz, 4 GB RAM, NVIDIA or AMD graphics processor

Contents of package
- Industrial camera with high quality lens
- Video projector with special lens for large focal range, including remote control
- USB drive with DAVID PRO software
- Sliding rail (aluminium)
- Camera slider
- High quality tripod
- Calibration panels printed on both sides for multiple scan volumes
- Printed instructions
- All required connecting cables
- Adapters for power supply in over 150 countries
- Cable straps

Delivery terms

Package size	Qty	Weight
630x340x230 mm	1pc	9kg
Palett		
1200x800 mm	25pcs	247kg

STARTER-KIT-2

Laserscanner

Technical specification

- Scansize: 10–300 mm
- Resolution/Precision: Up to 0,2 mm
- Scanning time: 10–60 sec
- Mesh density: Up to 1,000,000 vertices per scan
- Export formats: OBJ, STL, PLY

System requirements

- Standard-PC (32/64 bit - Windows XP, Vista, 7, 8)
- 3D graphics adapter
- Two available USB ports
- Recommended: Dual-core processor, 2 GHz, 4 GB RAM, NVIDIA or AMD graphics processor

Contents of package

- Lever
- DAVID 3D SCANNER PRO software on USB Flash Drive
- High-resolution 2-megapixel webcam (Full HD) with autofocus
- Stand for webcam
- Red line laser module (650nm, Class 1 laser) with adjustable focus, including battery
- Calibration panels (for object sizes up to 40 cm)
- Base plate for mounting the calibration panels
- Three right angles for fixing the calibration panels

Delivery terms

Package size	Qty	Weight
440x328x86 mm	1pc	2,86kg
Palett		
1200x800 mm	75pcs	236,5kg

TT-1
Automatic Turntable

Technical specification
- Operating voltage: 12V
- Operating current: 1000mA
- Supply voltage: 230V
- Dimensions: Ø180x50 mm
- TT-1 Weight: 1,6kg
- Object weight: Up to 5kg
- Material: Aluminium
- Housing potential: Isolated
- CE-Conformity: Yes
- RoHS: Yes
- Reach : Yes

System requirements
- DAVID 3D SCANNER PRO 4 or ENTERPRISE/SDK
- Standard-PC (32/64 bit - Windows Vista, 7, 8)
- 3D graphics adapter
- One available USB port
- Recommended: Dual-core processor, 2 GHz, 4 GB RAM, NVIDIA or AMD graphics processor

Contents of package
- TT-1 Turntable with 3 level LED status display
- USB Cable
- Power Supply
- Adapters for power supply in over 150 countries

Delivery terms

Package size	Qty	Weight
222x290x330 mm	1pc	4kg

DSL-1
Desk Scan Lever

Technical specification
- Lift range: 33 cm
- Tilt: 75°
- Pivoting: 360°
- Turn: 360°
- Material: Aluminium

Contents of package
- Lever
- Special scanner mount
- Table clamp

Delivery terms

Package size	Qty	Weight
400x300x200 mm	1pc	4,35kg

DAVID
3D Scanning Software

For PRO 4 UPGRADE you need PRO 3 at least!

DAVID 4 PRO USB

Part No:	79012454
Order No:	DAVID-4-PRO-USB
EAN:	4260129049212

DAVID 4 PRO UPGRADE

Part No:	79012461
Order No:	DAVID-4-PRO-UPGRADE
EAN:	4260129049250

DAVID 4 PRO Features
- Structured Light Scanning
- Laser Scanning
- Color texturing
- Supports various projector/camera hardware
- Automated scan alignment
- TT-1 turntable support
- Scan-background filter
- Volume/surface area computation
- 360° scan fusion
- OBJ/STL/PLY export

System requirements
- Standard-PC (32/64 bit - Windows Vista, 7, 8)
- 3D graphics adapter
- One available USB port
- Microsoft .NET Framework 4.5 (32-bit or 64-bit)
- Recommended: Dual-core processor, 2 GHz, 4 GB RAM, NVIDIA or AMD graphics processor

Contents of package
- USB Stick (UPGRADE only via download!)

Delivery terms

Package size	Qty	Weight
260x162x93 mm	1pc	0,14kg

DAVID
3D Scanning Software

DAVID 4 ENTERPRISE USB

Part No:	79012393
Order No:	DAVID-4-EP-USB
EAN:	4260129049199

ENTERPRISE Features
Same as DAVID 4 PRO, additionally:
- Mesh comparison
- Point-to-Point measurement

SDK Features
Same as DAVID 4 PRO, additionally:
- Automated scanning
- API: Two easy-to-use interfaces available (C++ and JSON/TCP)
- Server process must run on Windows
- Client software can be written in any programming language and runs on any operating system
- Including documentation and examples

System requirements
- Standard-PC (32/64 bit - Windows Vista, 7, 8)
- 3D graphics adapter
- One available USB port
- Microsoft .NET Framework 4.5 (32-bit or 64-bit)
- Recommended: Dual-core processor, 2 GHz, 4 GB RAM, NVIDIA or AMD graphics processor
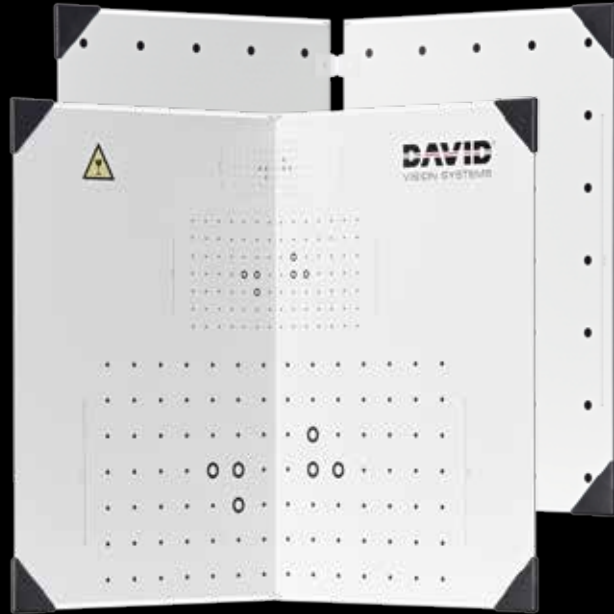
Contents of package
- USB Stick

Delivery terms

Package size	Qty	Weight
260x162x93 mm	1pc	0,19kg

CP-SET02
High Quality Calibration Panels

Technical specification
- Dimensions: 420x30x13 mm
- Dimensions mounted: 420x430x220 mm
- Panel material: Glass with special surface
- Bracket material: Fibreglass

Contents of package
- High-precision float glass calibration panels
  4 scales in 30, 60, 120 and 240 mm
- 2 high-precision 90° brackets

Delivery terms

Package size	Qty	Weight
460x330x60 mm	1pc	2,66kg

Part No:	79011594
Order No:	CP-SET02
EAN:	4260129049151

CAM-3.1-M
Monochrome Camera

Technical specification
- USB CMOS Monochrome Camera with Lens
- Resolution: 1,3 Megapixles (1280x960)
- DAVID Firmware
- FPS: 25
- Size: 58x95x50 mm

System requirements
- Standard-PC (32/64 bit - Windows XP, Vista, 7, 8)
- 3D graphics adapter
- One available USB port
- Recommended: Dual-core processor, 2 GHz, 4 GB
  RAM, NVIDIA or AMD graphics processor

Contents of package
- Camera

Delivery terms

Package size	Qty	Weight
265x128x178 mm	1pc	0,18kg

Part No:	79012324
Order No:	DAVID-CAM-3.1-M
EAN:	4260129049182

K132+
Structured-Light Projector

- Minimum projection distance: 19cm
- Maximum projection distance: 3,20m
- Brightness: 600 lumens
- Native resolution: 1280 x 800 (WXGA)
- Light source: LED with DLP® BrilliantColor™ 0.45" DarkChip™
- Contrast: 10.000 : 1
- Weight: 510g
- Lamp life: up to 30000 h
- Dimensions: 140x116x51 mm

System requirements
- DAVID 3D SCANNER PRO 4 or ENTERPRISE/SDK
- Standard-PC (32/64 bit - Windows Vista, 7, 8)
- 3D graphics adapter
- Available VGA or HDMI port
- Recommended: Dual-core processor, 2 GHz, 4 GB RAM, NVIDIA or AMD graphics processor

Contents of package
- ACER K132+
- AC to DC Power Adapter
- Plug adapter for over 150 countries
- Aluminium mount with tripod mount
- HDMI cable
- VGA cable
- Remote control
- Quick Start Guide
- User's Guide (CD-ROM)
- Protection Case

Delivery terms

Package size	Qty	Weight
320x245x110 mm	1pc	2,5kg

Part No: 79012188
Order No: ACER_K132_PLUS
EAN: 4260129049175

3D 500
Coating Spray

Contents of package
- 6x 500ml Coatingspray

Delivery terms

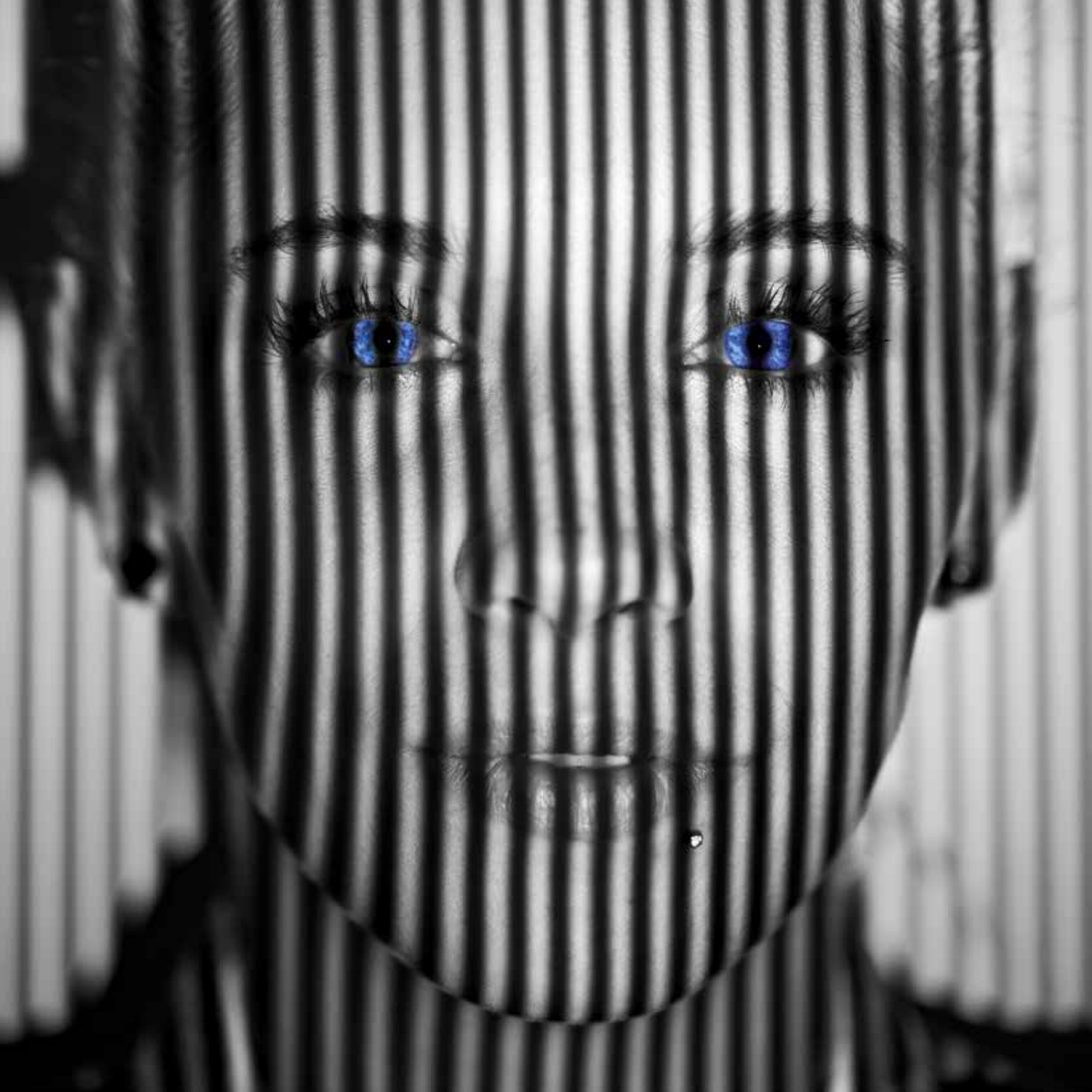| Package size	Qty	Weight
215x255x158 mm	1pc	2,86kg

C A U T I O N !
Because of transport regulations, this item can be shipped to the following countries of the European Union only!

- Austria
- Belgium
- Czech Republic
- Denmark (ZIP 50-99)
- Great Britain (only mainland)
- Hungary
- France (only mainland)
- Italy (only mainland)
- Luxembourg
- Monaco
- Netherlands
- Portugal (only mainland)
- Spain (only mainland)

Part No: 79012621
Order No: COATING-SPRAY-500
EAN: 4260129049236

DAVID Vision Systems GmbH
Rudolf-Diesel-Str. 2a
56070 Koblenz
Germany

www.david-3d.com

For further questions please
contact your local reseller.

S.A.S 3D SPARK PVT. LTD.

#328, THIRD MAIN ROAD,
DOMLUR LAYOUT,
BENGALURU - 560071, INDIA

+91-9008006149 / 9591848886
sales@sas3dspark.com
sehgal@sas3dspark.com

WE SEE 3D.

S.A.S 3D SPARK PVT. LTD.

+91-9008006149 / 9591848886
sales@sas3dspark.com
sehgal@sas3dspark.com

www.david-3d.com

DAVID Vision Systems GmbH
Rudolf-Diesel-Str. 2a
56070 Koblenz · Germany

7901 2553