FARO® CAM2® Software

The World's Smartest 3D Measurement Platform

FARO CAM2 Software is a powerful, intuitive and application-focused 3D measurement platform, designed to help you efficiently fulfill your quality assurance and inspection tasks. It's perfectly suited to manage repeat inspection routines, with live trend and SPC analysis.

Version Comparison

Feature	Probing	Full	Premium
Mesh edition in RevEng			✔
Operate with contact devices	✔	✔	✔
Operate with non-contact devices		✔	✔
Device relocation	✔	✔	✔
CAD import	✔	✔	✔
Constructions and dimensions	✔	✔	✔
Coordinate systems	✔	✔	✔
Alignments	✔	✔	✔
GD&T	✔	✔	✔
Point cloud editing		✔	✔
Point cloud analysis		✔	✔
Report generation	✔	✔	✔
Repeat Part Management (RPM)	✔	✔	✔

Hardware Compatibility	Probing	Full	Premium
FaroArm®	✔	✔	✔
FARO Laser Line Probe		✔	✔
FARO Laser Tracker	✔	✔	✔
FARO Super 6DoF TrackArm	✔	✔	✔
FARO Gage	✔	✔	✔

FARO CAM2 is tested and certified by NIST and PTB.

FARO®

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FARO Authorized Distributor

Technical Specifications

System Requirements

Before you install the latest version of FARO CAM2, check that your system meets the minimum system requirements.

Hardware	Minimum*	Recommended**	High Performance***
Processor	Dual Core CPU	Quad Core CPU	Quad Core CPU
RAM	8 GB	16 GB	32 GB
Hard Drive	500 GB	512 GB SSD	1 TB SSD
Graphics	NVIDIA Quadro T500	NVIDIA RTX A2000	NVIDIA RTX A5000
USB Port	1 (if using portlock license)	1 (if using portlock license)	1 (if using portlock license)
Virtual Machine (VM) Install	Supported		
Remote Desktop Accessibility	Supported		

*For Point Probe Measurements | **For Point Probe Measurements with Large CAD, Moderate Point Cloud Scanning | ***For Intensive Point Cloud Scanning | **Note:** A 4K display monitor is currently not recommended.

Supported NVIDIA Graphics Cards and Drivers

Card		Win10 x64	Win8.1 x64
Quadro RTX	4000, 5000, 6000 and 8000		
Quadro	P6000, P5000, P4000, P2000, P2200 and P5000 M520, M6000, M5000, M4000, M2000 and M2200 K5200, K4200, K2200, K620 and K420 K5000, K4000, K2000 and K6000	432.06	

Supported Operating Systems

- Microsoft Windows® 10
- Microsoft Windows® 8.1

Note: CAM2 supports 64-bit Operating Systems only

Supported Languages

Chinese | English | French | German | Italian | Japanese | Portuguese | Spanish

Supported CAD File Formats

CAM2 supports the import of the following CAD formats:

Vendor	File Type	Extensions	Supported Versions
Open Formats	IGES	.igs; .iges	Versions 5.1, 5.2, 5.3
	PRC	.prc	All Versions
	STEP	.stp; .step; .stpz	AP 203 E1/E2, AP 214, AP 242
	STL	.stl	
	VDA-FS	.vda	All Versions
3D Systems	ACIS	.sab; .sat	Up to 2020
	CATIA V4	.model; .session; .dlv; .exp	Up to 4.2.5
	CATIA V5	CATProduct; .CATPart; .CATDrawing; .CATShape; .cgr ; .3dxml	Up to V5-R2020
	CATIA V6	.3dxml	Up to V5-6 R2019 (R29)
	Solidworks	.sldasm; .sldprt	From 97 up to 2021
Autodesk®	Inventor	.ipt; .iam	Up to 2021
	AutoCAD® 3D	.dwg; .dxf	Up to AutoCAD® 2019
PTC	Creo	.asm; .neu; .prt; .xas; .xpr	Pro/Engineer 19.0 to Creo 7.0
Siemens	I-deas	.mf1; .arc; .unv; .pkg	Up to 13.x (NX 5), NX I-deas 6
	JT	.jt	Up to v10.5
	NX	.prt	V11.0 to NX 12.0 and 1953
	Parasolid	.x_b; .x_t; .xmt; .xmt_txt	Up to v33
	Solid Edge	.asm; .par; .pwd; .psm	V19 - 20, ST - ST10, 2021
Rhinoceros	Rhino3D	.3dm	Versions 4, 5 and 6