3DAssist 3D Modeling Software for IPLEX Video Borescopes

Elevate Your Insights

EVIDENT

3D Views at Your Fingertips

3DAssist™ software for IPLEX™ video borescopes* turns your standard inspection reports into dynamic, in-depth analysis with compelling 3D images that bring the details of your inspection to life.
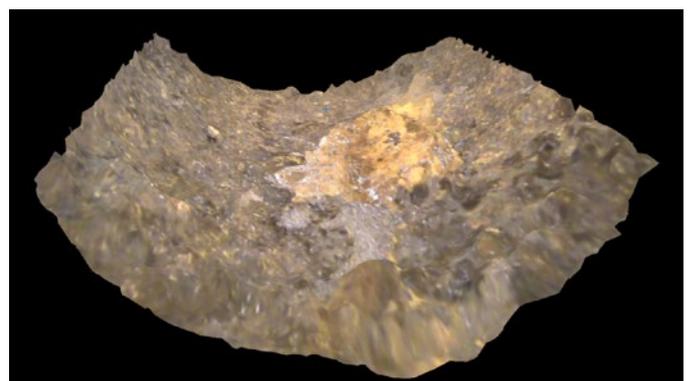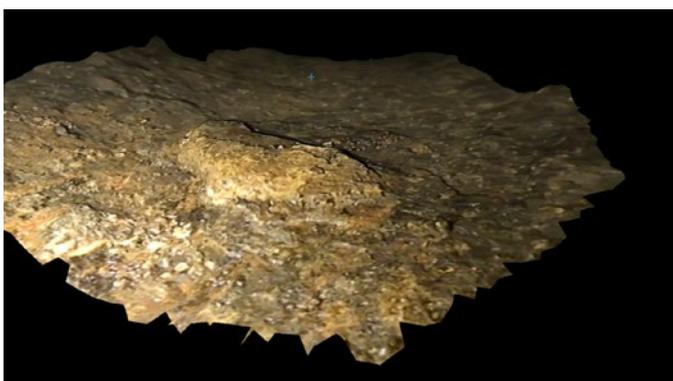
3DAssist software uses video captured with your IPLEX video borescope and creates a three-dimensional model of the pipe or asset that you're inspecting. The software works on your PC, so you can spend time studying the model and make determinations from your office rather than the field.

Strengthen Your Reports with Compelling 3D Images

With just a few clicks, 3DAssist software creates a fully rotatable 3D image of your inspection area directly from your video borescope's captured video.

With the 3D model, you can spend time evaluating potential damage—such as rust, thinning, or bumps—and save 3D images. When you're ready, add these images to your inspection report to provide additional detail and greater confidence in your interpretations. Reports and images are easily shareable with clients using collaborative tools like Microsoft Teams.
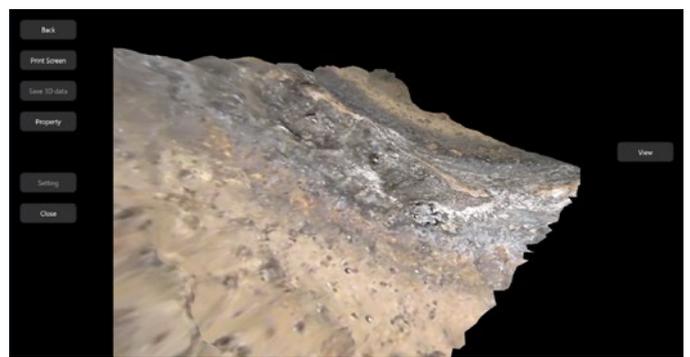
Save Time and Equipment using a Mono Tip

Normally, inspectors need to use a stereo adapter tip on their video borescope to assess and create 3D images of possible flaws or defects. 3DAssist software improves on this process in two ways. First, you can easily acquire 3D images from video acquired during your inspection. Second, you only need to use a standard monocular tip adapter when recording the video. Together, these features can save you significant time during an inspection as you no longer have to pull out the scope, switch to a stereo tip, and renavigate to the defect.

In addition, since the software creates 3D images based on video captured using a mono tip adapter with a wide field of view, you can see more of your area of interest in the same image to get a more complete picture.

3DAssist software requires no special equipment—just record a video of your inspection. When you've installed the 3DAssist software on your PC, upload the video from your video borescope, and the software will process it into an easy-to-view 3D image.

Free Future Upgrades

A series of features are being developed that will add new capabilities to the software. These updates will be available for free if you already own the software.

Licenses

From a free trial to multi-license bundles, we offer several license options depending on your needs. Each license is tied to an IPLEX main unit, so the software can be used on multiple PCs or if you change scopes with no additional fee.*

*A new license cannot be used with an IPLEX unit that has already been registered to a separate single or multiple license.

License	Free Trial	Time Limited	Single	5 Multiple
Validity period	1 month	3 months	Permanent	Permanent
Number of licenses	1	1	1	5

*IPLEX NX, IPLEX GX/GT, IPLEX G Lite, and IPLEX GAir are currently supported.

3DAssist Software Specifications

System Requirements*1

Operating system	Windows 10 64-bit 19H1 (1903) or later
RAM	8 GB or more
Storage	100 MB or more
Display performance	1200 × 720 pixels or higher
Graphic driver	OpenGL 1.1 or later

Supported Video Borescopes and Optical Adapters

Supported video borescopes		IPLEX NX*2, IPLEX GX/GT, IPLEX G Lite*3, IPLEX GAir
Supported optical adapters	IPLEX NX	AT80D/FF-IV94N, AT120D/NF-IV94N, AT120D/FF-IV94N, AT100S/NF-IV94N, AT100S/FF-IV94N AT80D/FF-IV96N, AT120D/NF-IV96N, AT120D/FF-IV96N, AT120S/NF-IV96N, AT120S/FF-IV96N
	IPLEX GX/GT	AT80D/FF-IV94G, AT120D/NF-IV94G, AT120D/FF-IV94G, AT100S/NF-IV94G, AT100S/FF-IV94G AT80D/NF-IV96G, AT80D/FF-IV96G, AT120D/NF-IV96G, AT120D/FF-IV96G, AT80S-IV96G, AT120S/NF-IV96G, AT120S/FF-IV96G
	IPLEX G Lite	AT80D/FF-IV94G, AT120D/NF-IV94G, AT120D/FF-IV94G, AT100S/NF-IV94G, AT100S/FF-IV94G AT80D/NF-IV96G, AT80D/FF-IV96G, AT120D/NF-IV96G, AT120D/FF-IV96G, AT80S-IV96G, AT120S/NF-IV96G, AT120S/FF-IV96G
	IPLEX GAir	AT120D/NF-IV98GA, AT120D/FF-IV98GA, AT120S/NF-IV98GA, AT120S/FF-IV98GA

*1 Touch screen inputs are not supported
*2 The IPLEX NX Working Channel model (IV9635X1N) is not supported
*3 The IPLEX G Lite-W is not supported