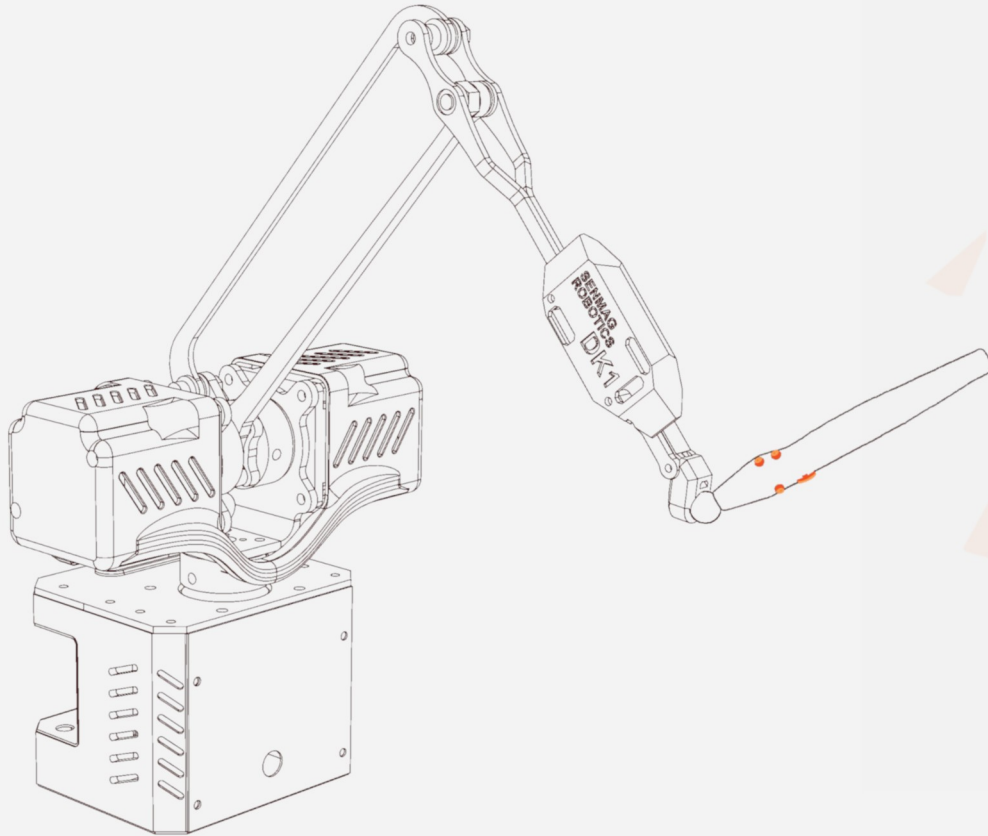# 9D Stylus DK1 Datasheet

DK1 is our first 9D stylus development kit. It allows a user to naturally navigate in 6D and interact with digital information and objects, making them feel solid.

Hardware Specifications:

Position tracking	6D
Force feedback	3D
Maximum reach	45cm
Tracking accuracy	0.1mm (xyz) / 0.1 degrees (rpy)
Maximum force output	12N
Maximum stiffness	3000 N/cm
Maximum framerate	2 KHz
User interface	Left click, Right click, Scroll wheel
Host interface	USB (Mini)
Mounting method	Desk clamp (15-48mm)
Power supply	12V 10A

Software support:

Windows 10
Unity C# plugin (available)
C++ plugin (planned)
Chai3D plugin (planned)

Please **get in touch** to discuss support for other platforms or arrange to try a demonstration!

SENMAG ROBOTICS