

# SENSEGLOVE NOVA 2 SPEC SHEET

(V0.1 JUN 2023)



## SenseGlove Nova 2

Gloves (left and right)

Features	Specs per glove
<b>Force Feedback</b>	4x 1 DoF passive magnetic brake force feedback for thumb, index, middle and ring finger. With a maximum force resistance of 20N and a controllable force resolution of 0.2N (100 steps).
<b>Haptic Feedback</b>	2x LRA haptic feedback on thumb and index fingertips 2x LRA haptic feedback on the active strap in the palm of the hand one LRA situated on either side of the palm. (Left and right)
<b>Contact Feedback</b>	1x Active strap, 1 DoF control pushing against the palm of the hand

<b>Finger tracking</b>	6 DoF finger tracking (2 DoF Thumb, 2 DoF index, 2x1 DoF middle and ring finger)
<b>Battery Life</b>	3450mAh Lithium-Ion Battery, good for an average of 3 hours of simulation time
<b>Communication</b>	2.4GHz wireless serial communication, 60Hz – 90Hz refresh rate
<b>Software</b>	Compatible with SenseCom device communication program. Compatible with Windows, Linux, and Android devices.
<b>Development Tools</b>	Native C++ API, Development plugins for Unity and Unreal Engine
<b>Position Tracking</b>	Third party position tracking required. Available via a controller/tracker mounted with a single screw to each glove (instructions and parts included).  Mounts available for: Meta Quest 2 and Pro. HTC Vive Focus/XR Elite wrist bands, HTC Vive Pro trackers.
<b>General</b>	Weight: ~350g (12.3 oz) per glove.