CyberGlove Systems

CyberTouch™

Tactile Feedback for the CyberGlove System

Add vibro-tactile feedback to the CyberGlove® system, the industry-leading electronic data glove.

The CyberTouch™ feedback option enables CyberGlove® users to manually experience virtual worlds, feeling vibro-tactile sensations from interaction with computer generated 3D objects. The addition of vibro-tactile feedback creates a more realistic environment for users, enabling them to experience how a virtual object moves and responds to interaction. The CyberTouch system can also be used for data visualization to feel vibrational intensity proportional to ground-density data, water content, magnetic field strength, hazard proximity, or even light intensity.

The CyberTouch system consists of six small, lightweight vibro-tactile actuators, one on each finger and the palm of the CyberGlove data glove. Each actuator can be individually programmed to provide the desired feedback level.

The actuators can generate pulses, sustained vibration, or customized vibration patterns. Software developers can program the CyberTouch actuators to produce spatial-temporal tactile feedback patterns simulating movement or fluid flow across the hand.

Specifications

Vibro-tactile actuators: 6; one on each finger, one on the palm

Vibrational Frequency: 0 – 125 Hz

Vibrational Amplitude: 1.2 N peak-to-peak at 125 Hz (max)

Interface Unit: 3.0 x 4.55 x 1.04 in (7.62 x 11.56 x 2.64 cm)

Cable: Standard 25 ft (7.62m)

Interface: RS-232 (115.2 kbaud max)

About CyberGlove Systems LLC

Founded in 1990, CyberGlove Systems develops hardware and software technologies that enable users to interact with computers using their sense of touch.

VirtualHand® is CyberGlove Systems' real-time, 3D, hand-interaction software.

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SouVR的核心团队有着超过十年的VR产品营销和推广经验，已在包括研发、教育、自动化、航空航天、军事、医疗、石油天然气、数字艺术、广播及安全等领域服务过上千客户。

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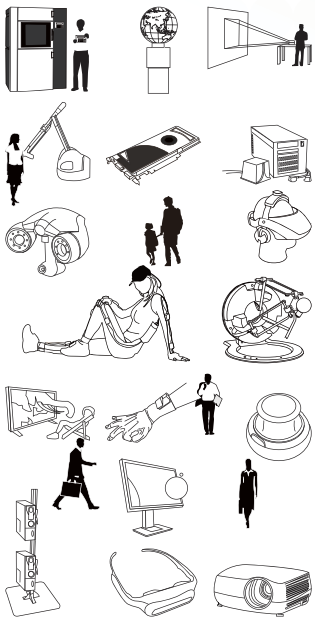
我们的产品线



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