

# LEVELING UP ESPORTS AND GAMING

**interface**  
FORCE MEASUREMENT SOLUTIONS.

*Esports are a form of digital video gaming in which individuals or teams compete in organized tournaments and leagues, primarily online. Interface offers a range of test and measurement solutions for esports and gaming hardware manufacturers, including precision load cells, wireless instrumentation, and digital output modules designed for seamless integration into simulation systems. Hardware, including simulation monitors, gaming chairs, keyboards, controllers, and event display equipment for competitive gamers and their audiences undergoes extensive testing before put into play. Precision measurement makes a difference in performance.*

The gaming hardware market is rapidly expanding, driven by increased internet access and the surging popularity of esports. Competitive multiplayer games, coupled with extensive sponsorships, encourage gamers to invest in advanced consoles and peripherals for enhanced performance. According to the SNS Insider, The Gaming Hardware Market size is over \$36.2B and is expected to grow to \$63.86B by 2032.

There are more than 205 global gaming hardware makers. Dominant market players in the world of gaming hardware is Microsoft, Nintendo, NVIDIA, Sony, Logitech, Venom, Oculus, Corsair, ASUS, ACER, and HP.

If you're a SIM racer, Interface provides load cells perfect for pedals, especially brake pedals. Brake force can be measured and adjusted with our instrumentation and software, giving gamers a realistic feeling when playing games.

Global gamer demands remain robust. There are an estimated 3.2B gamers in the world. In the Gaming Hardware market, the number of users worldwide is expected to reach 232.9m users by 2029. Companies are adapting to changing preferences, focusing on immersive experiences and advanced features. As new gaming technologies emerge, particularly GPUs, the market is poised for significant growth. Interface offers different load cells and instrumentation designed to extensively test gaming products before they hit the public market.

Interface's load cells optimize esports and gaming hardware design and performance. They measure the force required for button presses, joystick movements, and keystrokes, ensuring responsiveness and comfort. This technology also helps calibrate haptic feedback systems in controllers and racing wheels for realistic gaming experiences. Furthermore, load cells are used to test the durability of gaming equipment and analyze player performance by measuring reaction time and pressure applied to controls. This data allows manufacturers to create high-quality, ergonomic hardware and helps players refine their techniques for a competitive edge.



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