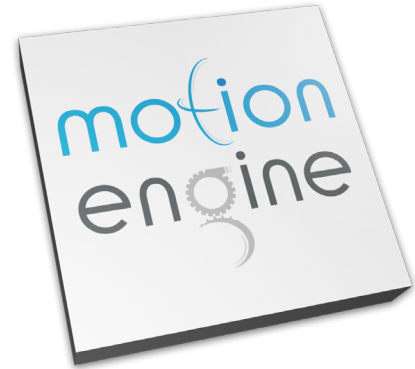


MotionEngine™ Mobile

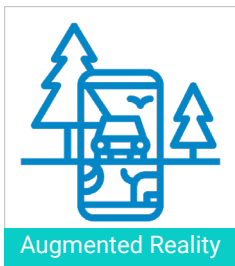
Freespace® MotionEngine™ Mobile is a software package which delivers high performance, low power, and sensor independent motion processing for Smartphones and Tablets. Individual sensor data is transformed through advanced calibration and sophisticated sensor fusion into application ready data which powers motion apps including context awareness, advanced gaming, augmented reality, and even pedestrian navigation.



FEATURE HIGHLIGHTS

- ✓ Low Power Sensor Fusion – Sensor fusion optimized for low-power operation through sensor hubs and intelligent sensor state management
- ✓ Automatic Magnetic Calibration – Automated, real-time calibration removes hard and soft iron effects
- ✓ Flexible Implementations – Available for Windows and Android, and compatible with sensor hub or application processor based architectures
- ✓ Zero Gyro Drift – Automated, real time calibration eliminates drift with no user calibration requirements
- ✓ Sensor Independent – Compatible with accelerometers, magnetometers, and gyroscopes from any leading suppliers, creating supply chain flexibility
- ✓ Sensor Qualification – CEVA’s comprehensive sensor qualification process improves performance and increases the value of all sensors
- ✓ Motion Systems Testing – Proprietary testing procedures available exclusively to our customers and partners ensure high-quality, reliable motion on Freespace® systems

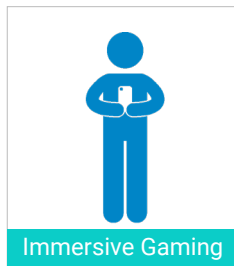
APPLICATIONS FOR ADVANCED MOTION



Augmented Reality



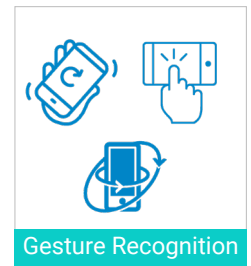
Context Awareness



Immersive Gaming



Indoor Navigation



Gesture Recognition

ABOUT CEVA

CEVA is the leading licensor of wireless connectivity and smart sensing technologies. We offer Digital Signal Processors, AI processors, wireless platforms and complementary software for sensor fusion, image enhancement, computer vision, voice input and artificial intelligence, all of which are key enabling technologies for a smarter, connected world. We partner with semiconductor companies and OEMs worldwide to create power-efficient, intelligent and connected devices for a range of end markets, including mobile, consumer, automotive, robotics, industrial and IoT. Our ultra-low-power IPs include comprehensive DSP-based platforms for 5G baseband processing in mobile and infrastructure, advanced imaging and computer vision for any camera-enabled device and audio/voice/speech and ultra-low power always-on/sensing applications for multiple IoT markets. For sensor fusion, our Hillcrest Labs sensor processing technologies provide a broad range of sensor fusion software and IMU solutions for AR/VR, robotics, remote controls, and IoT. For artificial intelligence, we offer a family of AI processors capable of handling the complete gamut of neural network workloads, on-device. For wireless IoT, we offer the industry’s most widely adopted IPs for Bluetooth (low energy and dual mode), Wi-Fi 4/5/6 (802.11n/ac/ax) and NB-IoT.

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