

Digital power in your hands

Motion capture gloves for your purpose, your industry, your future.

Global mocap leaders AiQ Synertial designed and created the pioneering G6 Gloves to precisely target your needs. Factory-ready and multiple industry-compatible, this is the tech hardware of choice for peerless accuracy, speed and reliability. Showcasing 4K gyros and 200 FPS as standard plus simple pipeline integration and real-time streaming, the G6 range's puts unparalleled range of motion, in-situ capture and impeccable data right where you need it – at your fingertips.



The future's here.
How will you handle it?

The G6 glove range has multiple different models to suit the application's needs. Featuring user-configured interpolation and extrapolation to create full-finger data, the gloves deliver exceptional quality one-to-one hand capture as per the following technical specifications:

Industry 4.0 Compatible:

Offline licensing

Siemens PSH/Jack ready

Real time plugins: Unreal, Unity, MoBu, Siemens, MIDI

Unparalleled Performance:

All gloves use 4K deg/sec gyros

No-drift on rapid motions

Comprehensive range of motion

Synchronise & Connect:

HTC-Vive compatibility

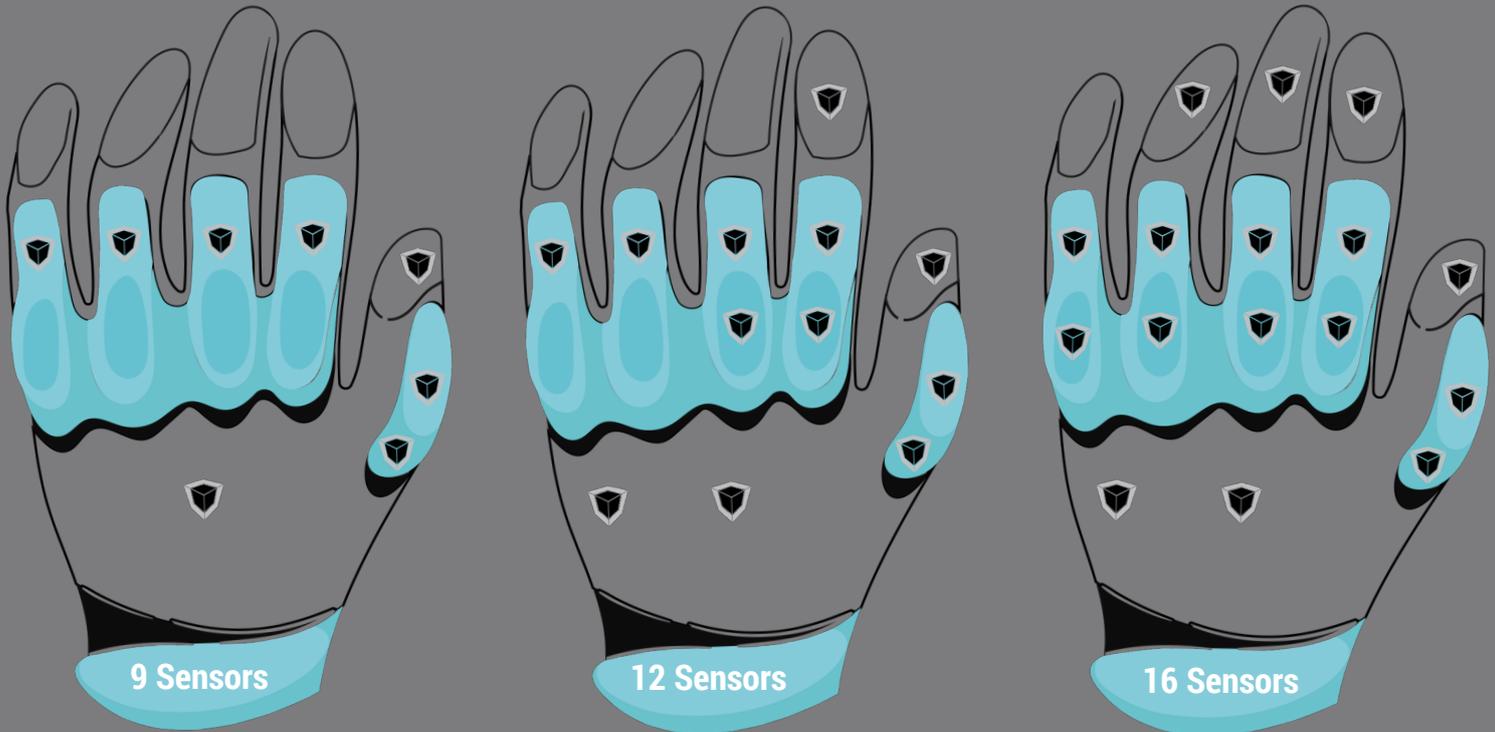
Wired and wireless

Sync videos SW



Handling your performance

Sensor placements



- IMU Specifications:**
- Patent-pending 15-axis IMUs comprising 6 accelerometers, 6 gyroscopes 3 magnetometers
 - 4000 degree per second gyro rotation
 - -/+ 16g accelerometer range
 - 1.4 uT magnetometer accuracy
 - 2000 uT magnetometer uT
 - 416 samples per second internal gyro update rate
 - 200 samples per second output quaternion data rate

- Capture Specifications:**
- Default 200 frames per second
 - Data output – Native BVH, FBX, CSV raw and postional
 - Plugins: UE5, Unity, Motionbuilder, Process Simulate
 - Absolute positional data via HTC Vive tracking

- Power/Connectivity Specifications:**
- Replaceable 5v power bank
 - Choice of connecting via WiFi or hardwiring via USB 3.0