



aktos-mini - Direct feedback

- WIRELESS TRANSMISSION – NO WIRES OR BACKPACKS
- REAL TIME – CONSTANT, ULTRA LOW LATENCY
- MEASURE ALL DAY – RECHARGE AT NIGHT
- ATTACH AND GO – EVERYTHING IS PLUG-AND-PLAY
- THE RESULTS YOU NEED, FAST – POWERFUL, INTEGRATED HARDWARE AND SOFTWARE

aktos-mini

TECHNICAL DATA



Transmitter



Receiver

EASY TO USE

Analyse the muscle signal or joint angle in real-time and interact with your patient or subject.

Create reports with one mouse click to monitor and compare your measurements.

NO BACKPACKS OR WIRES

The patient can sit, lie down, or freely move around during any task. No restriction of movement, even when walking or running.

PORTABLE

The miniaturized receiver can be directly connected to a tablet. You can always stay close to your patient and do not have to sit behind a PC.

BIO-FEEDBACK

Use bargraphs and a variety of other preconfigured interfaces and let the subject have a direct feedback about the training. They can see the direct result of their movements and adjust accordingly.

AFFORDABLE

The aktos-mini system was designed to close the gap between cheap no-name systems and the powerful aktos system. With a 4-sensor standalone solution, it is the perfect access to high-end sensors for beginners and advanced users.

Transmitter size	33 x 23 x 19 mm	
Transmitter weight	12 g	
Number of Transmitters	4 x EMG or IMU (max. 3xIMU)	
Range	20 m	
Transmission protocol	proprietary bidirectional, 2.4 GHz	
Battery life	14 hours	
EMG:		
Sampling rate	2000Hz	
IMU:		
Sampling rate	286Hz for RAW or 6-axis fusion	
ACC	± 2, ± 4, ± 8, ±16 (g)	
GYR	± 250, ± 500, ± 1000, ± 2000 (°/sec)	
MAG	± 1 (mT)	
Accuracy	static (Roll/Pitch)	0.2 deg
	static (Heading)	0.5 deg
	dynamic	1 deg RMS
Latency	14 ms, constant	
Receiver output	Digital (USB)	
SDK	Available	
Inter-channel offset	No inter channel latency	
Medical product conformity	ED 1993/42, CE (Class 2a)	
Radio conformity	ED 1999/5/EC (R & TTE). FCC	

CONTACT SALES

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