

# HUMANTRAK

MOVEMENT ANALYSIS SYSTEM

## TECHNICAL SPECIFICATIONS



### HARDWARE SPECIFICATIONS

Kit Included	Custom HumanTrak laptop
	3D infrared camera
	Tripod
	4 x inertial sensor (IMUs)
	Charging cables
	Carry case
Operating Space (L x W) Recommended	4 m x 4 m (13.1 ft x 13.1 ft)
Required	3 m x 2 m (9.8 ft x 6.6 ft)
Packed Dimensions (in carry case)	530 mm (20.9 in) L x 190 mm (7.5 in) W x 390 mm (15.4 in) H
Weight	10 kg (22 lb)

### ELECTRICAL SPECIFICATIONS

Power (IMUs)	Lithium-ion rechargeable battery
Battery Life (IMUs)	4 hrs active use (approx.) inactivity results in low power mode
Charging Method (IMUs)	Micro-USB cable (supplied)
Connectivity	ISM radio (IMUs) and USB (camera)

### MEASUREMENT SPECIFICATIONS

Sampling Rate	100 Hz (camera + IMU fused)
Camera Type	Microsoft Kinect V2 – infrared + RGB
Inertial Sensor (IMU) Type	530 mm (20.9 in) L x 190 mm (7.5 in) W x 390 mm (15.4 in) H