

HUMANTRAK

MOVEMENT ANALYSIS SYSTEM

TECHNICAL SPECIFICATIONS



HARDWARE SPECIFICATIONS

KIT INCLUDED	Custom HumanTrak laptop
	Infrared camera
	Tripod
	4 x inertial sensor (IMU)
	Charging cables
	Carry case
OPERATING SPACE (RECOMMENDED)	4 m x 4 m (13.1 ft x 13.1 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.)
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	Accelerometer and gyroscope