1 LogIT world



1. Light Gate Vision

Self contained LED light gate (70mm gap), designed primarily for timing the movement of objects. When used with software, the light gate becomes a very powerful teaching tool as acceleration, kinetic energy, speed and time of objects can be studied.

- High intensity visible beam which students can actually see and understand
- Versatile positioning using stand, rod (supplied) or standard tripod camera thread
- Gate indicator to assist setup and ensure reliable results
- Can be used in full class lighting or outside in moderate sunlight
- Super fast – current and future software compatible
- Scale: light gate 0 to 200Hz (resolution 1Hz)
- Scale: counting, 0 to 200 counts per second
- Scale: rate, 0 to 250/min (resolution 1Hz)

Applications: measurement of time interval, speed, velocity, acceleration, momentum, kinetic energy, simple harmonic motion, period counting. Also study of propeller design (as a tacho), pendulum timing. Use of a mains power supply is recommended.

Code	Pack	Price
LOG6090	2	**£104.94**
LOG6092	Each	**£55.66**

2 LogIT world



2. Pressure Mat Set

A pair of mats which when stepped on will trigger a timing event. Used in pairs they are ideal for measuring walking/running speed or with the use of a protective piece of carpet/cardboard, bike speed.

Applications: measurement of time interval, speed, velocity, acceleration, momentum and kinetic energy. Answers questions like who is the fastest pupil at walking/cycling? etc.

Code	Pack	Price
LOG6094	Each	**£43.77**

3 LogIT world



3. Polar Wireless Heart Transmitter

LOG6110: A polar wireless heart transmitter - features a belt that fits around the chest.

LOG6112: A small robust wireless receiver for use with polar and other similar wireless pulse transmitters. Scale: heart rate, 30 to 240 beats per minute.

Code	Description	Pack	Price
LOG6110	Polar wireless heart transmitter	Each	**£37.16**
LOG6112	Wireless heart receiver	Each	**£57.68**