

ABSTRACT

A DATA LOGGING DEVICE AND SYSTEM THEREOF

The present invention discloses a data logging device (200) for collecting data related to work activity comprising a mechanical actuator (201) which is triggerable by a worker in various ways, each corresponding to a different type of input data that is related to a specific work activity performed by the worker; a geographical position sensing component (202) for collecting location data of the data logging device (200); a processing module (203) in communication with the mechanical actuator (201) and the geographical position sensing component (202) for processing the input data and the location data; and a transceiver (204) operably connected to the processing module (203) for transmitting the processed data to a server (300) over a wireless network communication at a predetermined time interval. Additionally, the present invention discloses a data logging system (100) for monitoring work activity.

(The most illustrative figure: Fig. 1)