



Biometrics Ltd

- ✓ **Completely Wireless Sensors**
- ✓ **Up to 16 sensors for a maximum of 24 analogue inputs and 12 digital inputs**
- ✓ **4 systems may operate simultaneously in the same environment**

DataLITE

NEW DataLITE sensors are completely wireless allowing total freedom of movement. Precise measurements include real-time joint angular movement, EMG analysis and many other associated physiological measurements.



DataLITE Goniometers (W Series)

Using the exact technology as our world standard electrogoniometers for dynamic joint angular measurement - the NEW Biometrics Ltd wireless twin-axis goniometers incorporate a wireless transponder to send data directly to the computer for display, analysis and transfer to custom applications in real-time. DataLITE goniometers can be used alone or with other DataLITE sensors.



DataLITE EMG (LE230)

The LE230 wireless EMG sensor provides superb quality of signal and ease of use. With a bandwidth of 5-495 Hz, a built in x1000 gain amplifier and wireless transmitter, surface EMG signals are collected and sent to the Biometrics software for display & analysis. EMG data may be synchronized real-time with other DataLITE sensors as part of a complete DataLITE system.



DataLITE Adaptor (AD2)

The DataLITE Adaptor is used with the Dongle to readily interface for the following devices: Dynamometer, MyoMeter, Pinchmeter, ForcePlates and Load Cells. The various load/strength data may be synchronized real-time with other DataLITE sensors as part of a complete DataLITE system. Interfacing is effortless as all the precision calibration data is pre-programmed within the microprocessor controlled units.



DataLITE Dongle (DG2)

A small wireless Dongle (receiver) attached to the USB port of the host PC (Windows 7, 8 or 10 compatible) can communicate with up to 24 channels of DataLITE sensor inputs using technologically advanced Wi-Fi. For example, when used with a Windows 10 Tablet, the researcher can monitor and analyse data in real-time while the subject has total freedom of movement in laboratory or field studies.

To discuss your requirements, please contact us:

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