USBI USB Interface
Convert your Laptop or Desktop PC into an Ophir Sensor Power/Energy Meter

- From sensor to interface to PC - no power source needed
- Plug and play with most Ophir Sensors
- Record every energy pulse at up to 2000Hz
- Log Power and energy, average, statistics, histograms and more
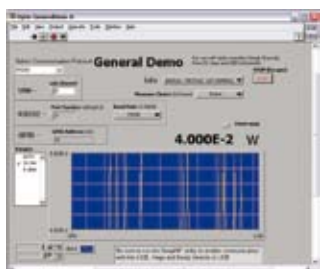- USBI with StarLab PC application software and LabVIEW driver

Smart Sensor to USBI to PC

Ophir basic USBI interface for single channel turns your PC or laptop into a full fledged Ophir
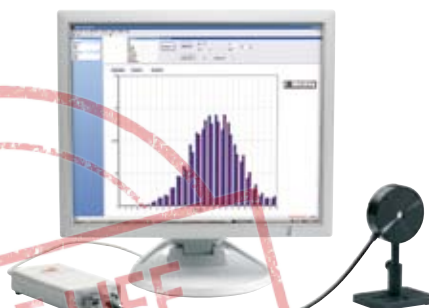laser power/energy meter.

Just install the software, plug the Sensor into the interface box and the USB cable from the box to the PC USB port.

Using the USBI, you can connect several Sensors to the PC by using one box
for each Sensor and if necessary, a USB hub.

The connection from each box to the PC is via one USB cable.

Lab VIEW

USBI operating with StarLab software

Specifications

Power Measurement	
Power log period	5s to 500hr.
Analog output	Analog output 1V F.S.
Energy Measurement	
Max real time data logging to PC	2000Hz [a]
Trigger input and output	N.A.
Timing	Supports time stamp for each pulse - resolution 50ms
General	
Number of sensors supported	One sensor per unit. Can combine several units with software for display of up to 8 sensors on one PC
Compatible sensors	Supports most Ophir pyroelectric, thermal and photodiode sensors
Power supply	Powered from USB
Dimensions	155 x 90 x 34mm
Note (a)	This is the data logging rate for every single point in turbo mode. Above that rate, the instrument will sample points but not log every single point.

Ordering Information

Item	Description	Ophir P/N
USBI	Module to operate one Ophir sensor from your PC USB port. Comes with software. Max repetition rate for every pulse ~2KHz. Powered from PC USB port.	7Z01200