Quasar Wireless Bluetooth Interface

Straight from your Measuring Head to your Laptop or PC with no cables

- Option One: Quasar table model connects to any Ophir smart head and broadcasts to your PC
- Option Two: most thermal heads can be purchased with Quasar installed on head – no wires at all
- Wireless range of >10 meters. Extended range available.
- Operates from rechargeable battery with typically >50 hours lifetime
- Powerful PC software included converts your PC into a complete laser power/energy meter
- Log Power and energy, average, statistics, histograms and more
- Active X software provided (late 2008)

Quasar Bluetooth Wireless Smart Head to PC Interface – 2 Versions



Quasar stand alone module connects to any Ophir smart head, thermal, pyroelectric or photodiode



Quasar built-in module, mounts directly to most thermal heads



Any PC or laptop connects to Quasar module via the provided Bluetooth adapter and operates as a power/energy meter/ data logger

The Ophir Quasar module provides two ways to use your Ophir smart head as a remote laser power/energy meter allowing optimum placement of the head and separate optimum placement of your PC or laptop with no connecting cables. The system is provided complete with a USB port Bluetooth adapter for your PC/laptop and the Ophir USBI software.

The stand alone Quasar module can connect to any Ophir smart head, thermal, photodiode or pyroelectric.

For most thermal heads, there is also an option to purchase the head with the Quasar module mounted to the head for maximum portability with no wires at all.



Quasar Bluetooth Smart Head to PC Interface

Specifications

Item	Specification
Head compatibility	All Ophir standard smart heads, thermal, photodiode and pyroelectric
Availability as built into head module	Thermal head series 30A, L30A, 30(150)A, L50A, L1500W, 5000W – mounts to back Fan cooled head series FL150A, FL250A, FL300A – mounts to top
Operating range	>10 meters standard laboratory conditions when used with built in laptop Bluetooth or Ophir recommended adapter. Larger antenna for extended range available
Power	Powered by rechargeable NiMH battery. Battery life >20 hours, 10 hours for pyro heads. Automatically goes into sleep mode when not connected to PC. Low batt indication. Charges from 12VDC either polarity.
LED indicator	LED indicator indicates whether connected, in standby or off
Bluetooth standard	Bluetooth class 1. Connection to PC is transparent to user. Will work with built in laptop Bluetooth and most add on USB to Bluetooth adapters. Ophir recommended USB to Bluetooth adapter available.
Data transfer rate for pyro heads	~300Hz
Dimensions	96mm W x 95mm D x 36mm H not including antenna
Connections	15 pin D type head connector (stand alone module only), standard Ophir 12V charger input.