












Display Finder

The table below lists the specs and features of Ophir Smart Displays and PC Interfaces

	Displays						PC Interfaces				Wireless Interface
	<u>Orion</u>	<u>Nova</u>	<u>Nova II</u>	<u>Vega</u>	<u>LaserStar Single Channel</u>	<u>LaserStar Dual Channel</u>	<u>USB1</u>	<u>Pulsar-1</u>	<u>Pulsar-2</u>	<u>Pulsar-4</u>	<u>Quasar</u>
											
Digital Display	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A
Display Color	Monochrome	Monochrome	Monochrome	Color	Monochrome	Monochrome	N/A	N/A	N/A	N/A	N/A
Analog Display	No	No	Yes	Yes	No	No	N/A	N/A	N/A	N/A	N/A
Rechargeable Battery	Yes	Yes	Yes	Yes	Yes	Yes	Bus Powered	No	No	No	Yes
Detector Support:											
Thermal Heads	Orion-TH	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Photodiode Heads	Orion-PD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pyroelectric Heads	Orion-PE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RP Heads	No	No	No	No	Yes	Yes	Yes	No	No	No	No



	Displays						PC Interfaces	Wireless Interface			
	<u>Orion</u>	<u>Nova</u>	<u>Nova II</u>	<u>Vega</u>	<u>LaserStar</u>	<u>LaserStar Dual Channel</u>	<u>USBI</u>	<u>Pulsar-1</u>	<u>Pulsar-2</u>	<u>Pulsar-4</u>	<u>Quasar</u>
Measurement Options											
Average Power	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Energy per Pulse (Pyro. Heads)	Orion-PE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Single Shot Energy (Thermal Heads)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Statistics	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Analog Out	1V	1V	1V,2V, 5V,10V	1V,2V, 5V,10V	1V	1V	1V	No	No	No	No
Trigger input & output	No	No	No	No	No	No	No	Yes	Yes	Yes	No
Real-time logging											
RS232	10Hz	10Hz	30Hz	30Hz	30Hz	30Hz	N/A	N/A	N/A	N/A	N/A
GPIO	N/A	N/A	N/A	N/A	1500Hz	1500Hz	N/A	N/A	N/A	N/A	N/A
USB	N/A	N/A	2000Hz	2000Hz	N/A	N/A	2000Hz	25,000Hz	25,000Hz	25,000Hz	N/A
Bluetooth	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	300Hz
On-Board Data Storage	1K	1K	60K	60K	60K	60K	No	No	No	No	No
Active X	No	No	Yes for USB	Yes for USB	No	No	Yes	Yes	Yes	Yes	No
Labview VI's	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No