Pendar X10 Robot Adaptor

Upgrade your UGV with Standoff Chemical Identification

New Technologies for New Threats

Pendar X10 brings standoff chemical identification to your UGV. With a measurement distance of up to 6 feet there is less of a need for risky scene manipulation to harness the power of Raman spectroscopy.

- **Standoff Up to 6 Feet Away**
- **Scan Fluorescent Materials**
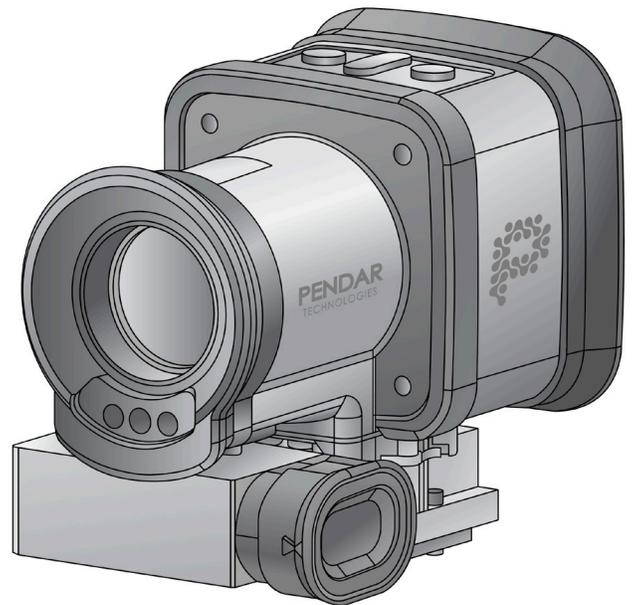- **Safe with Dark Materials**
- **No Eye Protection Required**
- **UGV Integration Ready**

Features

- Purpose built, lightweight robot adaptor

- Swap between handheld and robot configurations in seconds

- Included, plug and play, PendarRemote software

- Standalone or integrated operation with top UGV manufacturers

- Battery or UGV powered

Call, email, or visit our website for more information or to arrange a demonstration.

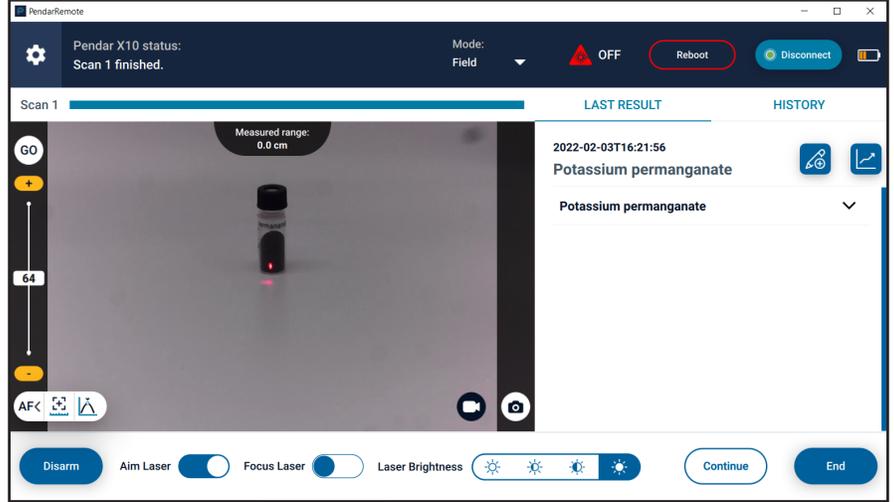+1 (617) 588-0077 | x10@pendar.com   **www.pendar.com**

PendarRemote Software

Included with the Robot Adaptor is PendarRemote. It is a purpose-built software with simple user interface that allows the operator to quickly measure a sample and continue the mission. Assisted by machine vision rangefinding and auto-focus combined with standoff measurements; the Pendar X10 is a necessary addition to any UGV.

Features

- Live Video Stream
- Rangefinding Measurement
- Chemical Safety Info
- Simple User Interface
- Add Notes and Photos

Technique	Difference Raman Spectroscopy
Standoff Distance	Adjustable 1 to 6 feet (0.3 to 2 meters)
Pendar X10 with adaptor	Size: 7.5" x 7.0" x 5.1" (19 cm x 18 cm x 13 cm) Weight: 6.4 lbs (2.9 kgs)
Library	Explosives, illicit drugs, CWAs, toxic industrial chemicals
Amount of Sample Required	Visible quantity
Eye Safety	Class 3R
Explosion Safety	Does not ignite or burn dark material (e.g. black powder, iron oxide, etc..)
Sensor to UGV interface	Ethernet, WiFi
Operating environment	Indoors and Outdoors, -4° to 104°F / -20° to 40°C
Mounting	Picatinny mount for standard rail; two mounting positions; side or bottom
Power	Four (4) rechargeable RCR123A batteries or 9-36V 15W power input on adaptor

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