

# Vector Proximal Standoff

Extend your reach. Expand your safety.



In today's high-risk response scenarios, whether in urban or rural locations – where explosive threats, chemical agents, narcotics or unknown chemical substances may be involved – keeping a safe distance isn't optional, it's essential. The Rigaku Vector standoff accessory was engineered to give EOD technicians, hazmat teams, and CBRNE responders the ability to analyze powders, liquids, pastes, and solids from a safe distance of up to 3 meters.

This accessory transforms the Icon-X 1064 nm Raman analyzer into a powerful standoff sensor by simply sliding the device into a precision-designed cradle. Whether mounted on a tripod or robot, the Vector supports stable, hands-free Raman scans in environments too dangerous or sensitive for direct contact.



## Key features:

- **Minimizes responder exposure** by enabling non-contact chemical identification at 1–3 meters
- **Maintains scene integrity**, ideal for unknown powders or liquids
- **Supports remote integration**, compatible with ROV and tripod mounting via Picatinny rail
- **No recalibration needed** - seamlessly converts the Icon-X from handheld to standoff use
- **Controlled remotely** using the Rigaku Remote app or third-party systems via API
- **Permits surface and container measurements**, both inside and outside, in harsh environments
- **Precise targeting** with integrated rangefinder, autofocus and visible green aim laser
- **Durable and field-ready**, ~4 hours of operation on a single charge



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FL\_26\_IconX\_ProximalStandoff\_SpecSheet\_11409177698



## Vector Proximal Standoff Accessory specifications\*

<b>Size</b>	42.3 cm (16.6 In) x 15.5 cm (6.1 in) x 13.5 cm (5.3 in) (includes device sled and mount)
<b>Total weight</b>	4.1 kg (9 lbs) Vector: 2.5 kg (5.5 lbs) + Icon-X: 1.6 kg (3.5 lbs)
<b>Proximal standoff range</b>	1 – 3 m / 3.2 – 9.8 ft
<b>Scanning</b>	Surface and containers
<b>Sample targeting</b>	Automated range finder, autofocus and visible green aim laser
<b>Camera</b>	2 MP (visible and IR)
<b>Battery</b>	7.2 V Li-ion, 3350 mAh, >4 hrs operation (same battery as Icon-X)
<b>Device to accessory connectivity</b>	USB-C
<b>Accessory connectivity for remote control</b>	WiFi, Ethernet
<b>Remote control</b>	Rigaku Vector browser application, API** (integration)

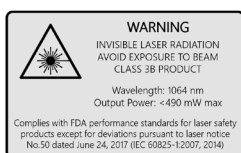
## Icon-X specifications

<b>Technology</b>	Raman Spectroscopy
<b>Laser wavelength / max power</b>	1064 nm / <490 mW
<b>Device laser class</b>	3B

This standoff platform is ideal for agencies needing reliable chemical threat analysis in dangerous, hard-to-access, or suspicious environments. It's not just an accessory – it's an essential extension of your frontline toolkit.



\*Interface Control Document (ICD) document for integration available on request



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