

# RDK

## Rapid Deployment Kit



### Rapid Deployment Kit System Package for Hazardous Environment Detection

The Rapid Deployment Kit (RDK) is designed for quick assessment of gaseous threats. The kit includes four wireless, 5-gas, AreaRAE, monitors with in-case charging as well as the Host Controller for monitoring from a command center up to two miles away. The system can scale up to 32 AreaRAEs with the addition of Detector Kits, each containing 4 AreaRAEs. The Rapid Deployment Kit offers first responders all the chemical detection tools they need in two rugged carrying cases.

The AreaRAE monitors can be rapidly deployed and re-deployed in situations that require a quick and adaptable response. They can be arranged in a perimeter to detect chemical hazards and to monitor the environmental safety of a large public event. The units help response teams gain control over potentially perilous situations by assessing the environment and determining the geographic disbursement of hazardous gases and chemicals. Housed in a military-grade self-contained case, the Rapid Deployment Kit is easy to transport and easy to deploy.

The Rapid Deployment Kit also provides protection in the monitoring of environmental remediation, oil, gas platforms, petrochemical applications, and refineries. The AreaRAE can detect gaseous VOCs, LEL, O<sub>2</sub>, H<sub>2</sub>S, and CO and offers datalogging for event documentation. The Rapid Deployment Kit is designed for military, industrial, and municipal customers and can be easily purchased through RAE Systems worldwide representatives.

#### Applications

##### • HazMat & Emergency Response

- Shave valuable minutes off response times
- Remotely monitor spills from safe location
- Protect wide area and community
- Achieve instant real-time situational awareness

##### • Public Venue protection

- Remotely monitor stadiums, convention centers, etc from a central security room
- Deploy monitors for specific public events

##### • Marine and offshore wells

- Simultaneously monitor multiple floors (e.g. drilling, refining, processing) from central control room
- Easily redeploy to where personnel is working based on the day's activities

##### • Refineries and Petrochemical

- Reployable system ideal for monitoring refinery turnarounds

##### • Environmental Remediation

- System can be rapidly redeployed to different remediation sites.

##### • Confined Space Entry

##### • Power plants

##### • Pulp and paper industry

##### • Plant and mill turnarounds

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## RDK System Package

### System Features

- Rapid Deployment
  - Host Controller is “open & operate”
  - AreaRAEs are stored with handles on
- In-case charging
- Portability
  - complete system in easy to transport military grade cases
- Easier to order
  - Order an entire functioning system with just one part number.
- Value Pricing
  - By purchasing the package, the customer will get the standard system, and Pelican-case with ‘in-case charging’ at a lower price than ordering separately.



### An “RDK System Package” contains:

- RDK Detector Kit – contains 4 AreaRAEs, spare batteries, and cal kit, with in-case charging.
- RDK Host Controller Kit – contains laptop host controller with preloaded ProRAE Remote Software, host controller RF modem, all wired to operate in-case.

### RDK Host Controller Kit



#### RDK Host Controller Kit contains:

- Turn-key ProRAE Remote package in pelican case, including laptop and wireless modem.

#### RDK Host Controller features:

- In-case charging – Single external plug to charge both laptop and RF modem
- Custom-cut foam
- “Open the case” operation

### RDK Detector Kit



#### RDK Detector Kit contains:

- 4 AreaRAEs (LEL/O<sub>2</sub>/H<sub>2</sub>S/CO, 10.6eV PID)
- RAELink Repeater
- 4 spare Li-Ion batteries
- External 4-bank battery charger
- Accessories

#### RDK Detector Kit features:

- In-case charging – one plug to charge 4 areaRAEs and repeater in the case.
- Padded insert performs excellently with repeatedly removing and replacing.
- AreaRAEs stored with handles on for faster deployment.

### Order Information

Part Number	Description	Frequency
039-R121-101	RDK System Package	902-928 MHz
039-T121-1011	RDK Detector Kit	902-928 MHz
039-R121-201	RDK System Package with GPS option	902-928 MHz
039-T121-2011	RDK Detector Kit with GPS option	902-928 MHz

Contact RAE Systems for latest pricing and to find your local representative.

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