VESDA-E VEA
New Approach for Point Addressable Smoke Detection

www.xtralis.com/vea
VESDA-E VEA introduces a new approach for point addressable smoke detection. VEA provides pinpoint addressability by using a network of microbore tubes connected to sample points located in the protected area. VEA actively draws air through sample points and analyses for presence of smoke particles in a centrally located smoke sensor module. VEA provides assured detection through active sampling and end to end system integrity monitoring. VEA also provides flexible and fast installation utilizing easy to install flexible microbore tubes and push-fit connectors, which reduce installation time and cost. VEA detector supports 40 sampling points, all managed from a central location. Its fully supervised microbore tubes and sampling points ensure total system availability. Centralized Test and maintenance in readily accessible location reduces service time by up to 90% allowing servicing of up to 500 addresses a day lowering total cost of ownership by up to 60%. VEA remote maintenance is ideally suited in applications where interruption free business operation and restricted access are of paramount importance. With best in class connectivity including WAN and Wireless iVESDA application provides real time and remote access for efficient and effective response.

VESDA-E VEA delivers better value where...
- Spot detectors are difficult to reach
- Access to the protected area is restricted
- Disruption of occupants is undesirable
- Installation and maintenance costs are high
- Electrical codes are stringent and conduits are mandatory
- False alarms are extremely costly
- There is high density of spot detectors
1. Assured Detection

Active sampling and full supervision of microbore tubes and sampling points including automated cleaning ensure total system availability and minimum false alarms.

2. Flexible and Fast Installation

Flexible microbore tubes are easy to install with push-fit connections and passive sampling points hence no compliance requirements to electrical codes. Unique tube serial numbers and tube length markings allow pre-engineered and faster installation.

3. Reduced Maintenance and TCO

Centralized test and maintenance feature in VEA reduces service time by up to 90% and saves up to 60% in TCO. Full supervision allows centralized smoke test allowing servicing of up to 500 address a day. Field replaceable components reduces service and maintenance time and cost.

4. Interruption Free Operation

VEA remote maintenance testing is ideally suited to applications where interruption free business operation and restricted access are of paramount importance, such as in healthcare, government buildings, businesses with highly confidential assets, prison and hotels.

5. Efficient and Effective Response

VEA provides best in class connectivity including WAN and Wireless. iVESDA application provides real time and remote access to VEA allowing advance service preparation saving time and money and avoiding multiples service visits.
Xtralis® is the leading global provider of converged solutions for the early detection and remote visual verification of fire, gas and perimeter threats.

Our technologies prevent disasters by giving users time to respond before life, critical infrastructure or business continuity is compromised. We protect high-value and irreplaceable assets belonging to the world’s top governments and businesses. Our brands include the VESDA-E – the next generation of aspirating smoke detection technology; VESDA® – the world’s leading very early warning aspirating smoke detection (ASD) systems; ICAM™ for flexible ASD; ECO™ – Gas detection & environmental monitoring modules for VESDA & ICAM systems; and, OSID™ – easy to use smoke detection for open areas.

To learn more, please visit us at www.xtralis.com.

Learn more: [www.xtralis.com/vea](http://www.xtralis.com/vea)

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<thead>
<tr>
<th>Parameter</th>
<th>VESDA-E VEA</th>
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<tr>
<td>High: 1.6%/m (0.5%/ft)</td>
<td>Enhanced: 4.0%/m (1.3%/ft)</td>
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<td>Standard: 8.0%/m (2.5%/ft)</td>
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**VEA Ordering Information**

- **VEA-040-A00** VESDA-E VEA-40 Detector with LEDs
- **VEA-040-A10** VESDA-E VEA-40 Detector with 3.5” Display
- **VER-A40-40-STX** VESDA-E VEA 40-Relay Local StaX
- **VPS-VEA-115UL** VESDA-E VEA Power Supply StaX (120UL)
- **VPS-VEA-230UL** VESDA-E VEA Power Supply StaX (220UL)
- **VSP-980-W** VESDA-E VEA 6 mm Standard Sampling Point
- **VSP-981-W** VESDA-E VEA 4 mm Standard Sampling Point
- **VSP-980-B** VESDA-E VEA 6mm Black Sampling Point
- **VSP-981-B** VESDA-E VEA 4 mm Black Sampling Point
- **VSP-982-W** VESDA-E VEA 6 mm Surface Mount Sampling Point
- **VSP-983-W** VESDA-E VEA 4 mm Surface Mount Sampling Point
- **VSP-982-B** VESDA-E VEA 6 mm Surface Mount Black Sampling Point
- **VSP-983-B** VESDA-E VEA 4 mm Surface Mount Black Sampling Point
- **VSP-990** VESDA-E VEA 6 mm Microbore Tube UL-compliant Plenumrated, 1000 ft
- **VSP-991** VESDA-E VEA 4 mm Microbore Tube UL-compliant Plenumrated, 500 ft

* Subject to local codes and regulation requirements