

# Frequently Asked Questions | VESDA-E GA4



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## VESDA-E GA4 FAQs

### Q 1: What are the benefits of GA4?

A:

- **Enhanced Security:** GA4 incorporates advanced encryption technology to address evolving security challenges, ensuring heightened security and longevity of the platform.
- **Latest hardware:** With updated components and refined smoke algorithms, GA4 provides more accurate smoke detection, minimizing false alarms and increasing detection reliability.
- **Seamless Integration:** Designed to seamlessly integrate with existing VESDA-E installations, GA4 ensures compatibility with legacy systems, provided they meet regional specifications.
- **Compliance with Standards:** GA4 adheres to UL7 requirements, offering configuration options tailored to different regions, ensuring compliance and reliability in various environments.

### Q 2: What distinguishes the GA4 Aspirating Smoke Detector from previous generations?

A: The GA4 retains the familiar look and feel of the VESDA-E platform while introducing critical internal improvements. These enhancements ensure heightened security and the longevity of the platform, although they may not be immediately visible to users. Notably, the GA4 features updated components with advanced encryption to address evolving security challenges. Furthermore, to bolster security measures, Wi-Fi capability has been removed from all VESDA-E products. Additionally, the GA4 bears a distinctive GA4 mark on its label for easier identification.

### Q 3: How does the GA4 improve smoke detection capabilities compared to previous versions?

A: The GA4 integrates the latest components with enhanced encryption to fortify product security against modern threats. Moreover, it adheres to UL7 requirements through refined smoke algorithms that better characterize particles, minimizing false alarms.

### Q 4: What are the key feature differences between GA3 and GA4?

A: The GA4 represents the fourth iteration of the VESDA-E platform, encompassing notable upgrades tailored to the VEP, VEU, and VES product lines. These enhancements include encrypted subassemblies, UL7 configuration options, and integration of the latest components.

### Q 5: Is the GA4 compatible with existing VESDA products, and what considerations should users keep in mind for integration?

A: The VESDA-E GA4 is designed to seamlessly integrate with legacy VESDA-E installations, provided they meet regional specifications. However, for installations in UL7 regions, detectors will require review to ensure compliance with the UL7 standard.

### Q 6: Are new spare parts available for GA4 detectors? What about GA3 detectors spare parts?

A: For the GA4 generation of detectors, new spare parts are now offered and listed below for your convenience. Additionally, spare parts for GA3 generation will remain available.

## Q 7: What are the compatible spare parts?

A: Under the GA4, compatible spare parts have been introduced to align with the updated detectors and security requirements. Major parts include the Smoke Detection Chamber - MK4, Manifold, and Front Cover variations tailored to specific models within the VEP, VEU, and VES product lines.

Spare Part Ordering Code	Spare Part Description	VESDA-E Products
VSP-964-04	Smoke Detection Chamber - MK4	VEU, VEP, VEP-1P, VES
VSP-956-04	Manifold	VEU, VEP, VEP-1P
VSP-955-04	VES Scanner Manifold	VES
VSP-967-04	Front Cover - Aluminum - LCD - 3.5" Display	VEU-A10
VSP-969-04	Front Cover - Plastic - LCD - 3.5" Display	VEP-A10-P
VSP-969-04-S	Front Cover - Plastic - LCD - 3.5" Display	VES-A10-P