

LIFE SAFETY & SECURITY

UL's new European Security Laboratory for Access Control and Security Devices

UL presents the gateway to European and global market acceptance from one central location in Europe.

Centrally located in Frankfurt, Germany, UL's new Security Laboratory for access control and security devices brings it all together for European security equipment manufacturers. A single product submission is all it takes for security and access device manufacturers to achieve worldwide market access – Europe, North America and beyond.

Speed time-to-market

Security testing and certification in Frankfurt serves the specific needs of European customers seeking to streamline access to markets in Europe, or successfully launch their products in the Americas, Asia, and the Middle East. Using the UL lab in Frankfurt, manufacturers can benefit from comprehensive on-site testing for a range of security requirements, as well as from the simplicity of using a single organization offering comprehensive services.

Testing services





From research testing of concept products to testing for compliance and claims validation, the new facility offers a wide range of testing services to both European and North American requirements such as:

- Environmental chambers
- Walk testing
- Vibration
- Static discharge
- Transient voltage
- Dust
- Rain
- Corrosion Exposure
- And more...

- The UL Security Lab can assess access control and security intrusion devices, including testing and certification to both mandatory and voluntary standards.
- Providing required testing against European and US standards to security products including electrical safety (e.g. IEC60950, IEC62368-1), electronic security, hardware performance, wireless performance and PoE functionality.
- Comprehensive compliance solutions for testing access control, burglar alarm controls, intrusion sensors, ballistics, locks and other electronic and physical security products.



UL's Security Lab in the Frankfurt facility can assess access control and security intrusion devices to the EN Standards (and related IEC Standards) alongside the equivalent UL Standard, such as:

Product Type	 		
	EN Standard	U.S. Standard	Canadian Standard
Alarm Systems - I&HAS (Intrusion & Hold-up Systems)	EN 50131-1	UL 365, UL 609, UL 636, UL 1023, UL 1076, UL 1610	CAN/ULC S303, CAN/ULC S304
PIR Motion Detectors	EN 50131-2-2	UL 639	S306
Microwave motion detectors	EN 50131-2-3	UL 639	S306
PIR and Microwave Combination Motion Detectors	EN 50131-2-4	UL 639	S306
Opening contacts (Magnetic Switches)	EN 50131-2-6	UL 634	ULC/ORD 634
Control and Indicating Equipment (Control Panels)	EN 50131-3	UL 365, UL 609, UL 1023, UL 1076, UL 1610	CAN/ULC S303, CAN/ULC S304
Warning Devices (Audible Sounders)	EN 50131-4	UL 464, parts of UL 609 and UL 1023	CAN/ULC S303, CAN/ULC S304
Power Supplies	EN 50131-6	UL 603	ULC S318
Alarm Transmission Systems and Equipment (Receiving equipment)	EN 50136	UL 1610, UL 1635 receiving equipment requirements	CAN/ULC S304
Electronic Access Control Systems	IEC/EN 60839-11-1	UL 294	CAN/ULC 60839-11-1, CAN/ULC S319, CSA C22.2 No. 205
Short Range Interconnections using RF used by all EN Standards	EN 50131-5-3	UL 609, UL 1023, UL 1610 have short range RF requirements	
EMC test methods used by all EN Standards	EN 50130-4	All UL security standards have individual EMC requirements	All ULC security standards have individual EMC requirements
Environmental test methods used by all EN Standards	EN 50130-5	All UL security standards have individual environmental requirements	All ULC security standards have individual environmental requirements
EU CE Fire/Shock Directive compliance for all products	EN 60950, EN 60065	All UL security standards have individual fire/shock requirements	All ULC security standards have individual fire/shock requirements

Bundling Opportunities: Any combination of EN, US, Canadian requirements

To learn more, visit [UL.com/lss](https://www.ul.com/lss) for an overview of services or contact EU.BuildingLifeSafety@ul.com