

The NF and A2P marks applied to electronic security equipment.

The NF and A2P marks on your product(s) indicate consistent safety and quality, checked by specialists.

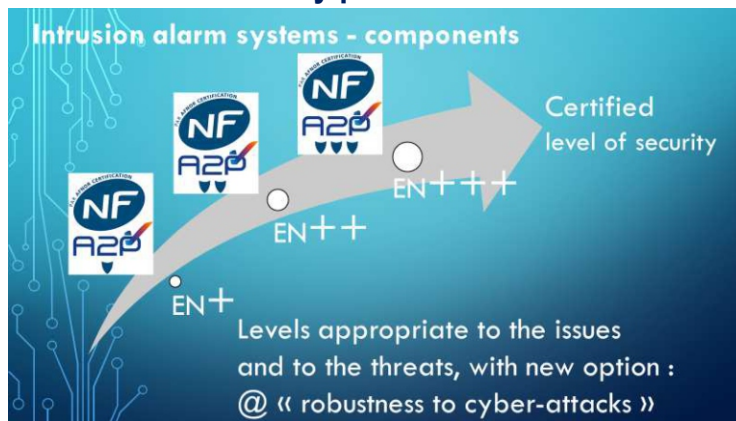
The NF and A2P marks on electronic security equipment provide all guarantees both in terms of its compliance with the standards and additional specifications referred to in §2.3 of these certification rules and on its quality of design and manufacturing. They also ensure that consumers are clearly informed of the product's installation and maintenance conditions as well as its performance.

following type 5 certification guidelines from EN ISO/CEI 17067 standards

Note that products subject to these certification rules are covered by the following regulations

- Electronic Compatibility Directive on electric and electronic devices (EMC Directive)
- Low Voltage Directive (LVD Directive)
- Radio and Telecommunication Terminal Equipment Directive (RED)

Essential certified characteristics by products: NF&A2P classification



Performance

In addition, security fog devices are classified in accordance with their time performance and with the following criteria:

- Decreasing of the visibility in a limited time
- Maintaining of opacity during a sufficient time

- Classification:

The methodology is the one of the EN 50131-8 standard, for the defined volume of 150 m³.

The RTC 50131-8 defines the acceptable conditions of the performance criteria in addition to the standard.

3 shields: Class 30 sec / 150 m³

Decreasing of the visibility at 1 meter is obtained in a time: ≤ 30 seconds.

The opacity of the target at 3 meters is maintained for a time > 600 seconds.

2 shields: Class 60 sec / 150 m³

Decreasing of the visibility at 1 meter is obtained in a time ≤ 60 seconds.

The opacity of the target at 3 meters is maintained for a time > 600 seconds.

1 shield: Class 120 sec / 150 m³

Decreasing of the visibility at 1 meter is obtained in a time ≤ 120 seconds.

The opacity of the target at 3 meters is maintained for a time > 600 seconds.

Tamper

1. Tamper detection - Access to the inside of housing

The housing shall not permit the introduction of tools of dimensions as specified in the following table:

Tool dimension for tamper detection

	1 shield	2 shields	3 shields
Steel rod as specified in EN 60529, with diameter 2,5 mm	2.5mm	2.5mm	1mm
Flat bar of dimension	10 x 1 x > 300 mm	10 x 1 x > 300 mm	5 x 0,5 x > 300 mm
Steel wire of tensile strength 650 - 825 MPa and dimensions	NA	NA	Ø 1 x 300 mm
	NA = Non Applicable		

2. Removal of support (option with requirements)

	1 shield	2 shields	3 shields
Maximum distance before tamper detected	10 mm (Optional)	10 mm (Optional)	5 mm Mandatory