

Certificate of constancy of performance

according to Regulation (EU) No. 305/2011

Certificate No.: 1008-CPR-MC 69257219 0001

Report No.: 16084989 001

Applicant: Life Safety A/V (Guangzhou) Co., Ltd
1-2 Floor, Building 3, No.257, Junye Road,
Guangzhou GETDD East 510530,
P.R.China

Manufacturer: Life Safety A/V (Guangzhou) Co., Ltd
1-2 Floor, Building 3, No.257, Junye Road,
Guangzhou GETDD East 510530,
P.R.China

Manufacturing plant: Life Safety A/V (Guangzhou) Co., Ltd
1-2 Floor, Building 3, No.257, Junye Road,
Guangzhou GETDD East 510530,
P.R.China

Product: Voice alarm control and indicating equipment

Identification: Type designation: INTEVIO
Ratings Input: 100-240VAC, 50/60Hz or 24VDC
Intended uses: To broadcast audible information, sounds
and a warning of fire.

**System of assessment
and verification:** FPC Report No.: 28240416 001
1

Tested according to: EN 54-16:2008

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance described in Annex ZA of the above standard(s) under above system are applied and the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 2017-10-20 and will remain valid until as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, the product, and the manufacturing conditions in the plant are not modified significantly, but no later than the next manufacturing plant and factory production control supervisor of the date of examination, until 2018-10-20.

Date of issue:
Budapest, 2017-10-20



Certifier

Gergely Bakos

TÜV Rheinland InterCert Kft., Product Certification Body — H-1132 Budapest, Vac ut 48/a-b, Hungary — www.tuv.hu
Notified Body No. 1008

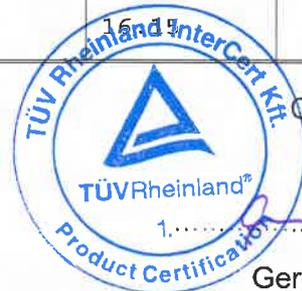
Annex to Certificate of 1008-CPR-MC 69257219 0001

Page 1 of 3

| Essential characteristics | Performance | Clause / sub clause | Harmonised technical specification |
|--|-------------|---------------------|------------------------------------|
| Design requirement & Functional test | Pass | 16.2 | EN 54-16: 2008 |
| Audible warning | Pass | 7.3 | |
| Manual silencing of the voice alarm condition | Pass | 7.6.2 | |
| Manual reset of the voice alarm condition | Pass | 7.7.2 | |
| Voice alarm condition output | Pass | 7.9 | |
| Indication of faults related to the transmission path to the CIE | Pass | 8.3 | |
| Indication of faults related to voice alarm zones | Pass | 8.4 | |
| Voice alarm manual control | Pass | 10 | |
| Emergency microphone(s) | Pass | 12 | |
| Redundant power amplifiers | Pass | 13.14 | |
| Output power | Pass | 16.4 | |
| Signal to noise ratio | Pass | 16.5 | |
| Frequency response without microphone | Pass | 16.6 | |
| Frequency response with microphone | Pass | 16.7 | |
| Cold (operational) | Pass | 16.8 | |
| Damp heat, steady state (operational) | Pass | 16.9 | |
| Damp heat, steady state (endurance) | Pass | 16.10 | |
| Impact (operational) | Pass | 16.11 | |
| Vibration, sinusoidal (operational) | Pass | 16.12 | |
| Vibration, sinusoidal (endurance) | Pass | 16.13 | |
| Supply voltage variation (operational) | Pass | 16.14 | |
| Electromagnetic Compability (EMC), Immunity tests (operational) | Pass | 16.15 | |

Date of issue:

Budapest, 2017-10-20



Certifier

Gergely Bakos

TÜV Rheinland InterCert Kft., Product Certification Body — H-1132 Budapest, Váci út 48/a-b, Hungary — www.tuv.hu

Notified Body No. 1008

TT 01-T99_5_0

(rev. 2011.09.20-tól)

Annex to Certificate of 1008-CPR-MC 69257219 0001

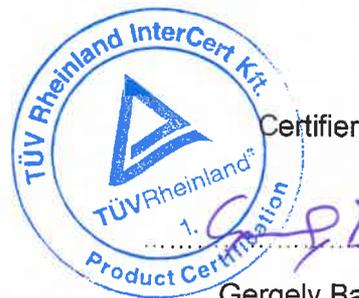
Page 2 of 3

Voice alarm control and indicating equipment consisted of the following components:

| Model Number | Description |
|--------------|---|
| RK-MCU | Master control unit |
| RK-ZONE8 | Zone expander |
| RK-AMP500 | 500W Class-D power amplifier |
| RK-MIC | Remote call station |
| HMC-K8 | Extension keypad (8 keys) |
| HMC-K4 | Extension keypad (4 keys) |
| X-NPMS-R | Rack mounted panel for remote call station |
| X-NPMS-W | Lockable wall mounted box for remote call station |
| HN-PTT | PTT microphone |
| HN-EOL | End-of-line module |
| HN-AIO2X2 | Audio control module |
| HN-RTR | RJ-45 to RCA convertor |
| 583496 | End-of-line module |
| 581726 | Power supply unit PSU 24V-1 (<270 Ah) |

Date of issue:

Budapest, 2017-10-20



TÜV Rheinland InterCert Kft., Product Certification Body — H-1132 Budapest, Váci út 48/a-b, Hungary — www.tuv.hu

Notified Body No. 1008

Annex to Certificate of 1008-CPR-MC 69257219 0001

Page 3 of 3

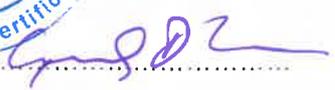
| Model Number | Description |
|--------------|--|
| 584900 | Upright cabinet with hinged frame 24U |
| 584901 | Upright cabinet with hinged frame 40U |
| 584902 | Upright cabinet with hinged frame 24U |
| 584903 | Upright cabinet with hinged frame 40U |
| 584910 | Upright cabinet without hinged frame 26U |
| 584911 | Upright cabinet without hinged frame 42U |
| 584913 | 19" Upright cabinet 12U |
| 584920 | 19" Upright cabinet SZB |
| HN-CB37 | Cabinet 42U |

Date of issue:

Budapest, 2017-10-20



Certifier


Gergely Bakos

TÜV Rheinland InterCert Kft., Product Certification Body — H-1132 Budapest, Váci út 48/a-b, Hungary — www.tuv.hu

Notified Body No. 1008

TT 01-T99_5_0

(rev. 2011.09.20-tól)