



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## 0051 – CPR – 1739

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation, or CPR), this Certificate applies to the construction product

### SOUNDER AND VISUAL ALARM DEVICE USING RADIO LINKS

Trademark: **ARGUS SECURITY**

Models: **TW-MWSO-01 + CWS100-AV (Red enclosure)**  
**TW-MWSO-01 + CWS100-AV(W) (White enclosure)**

Other information: **see ANNEX**

Produced by:  
**ARGUS SECURITY S.r.l.**  
Via Del Canneto 14 – Valle delle Noghère  
34015 Muggia (TS)

In the manufacturing plant:  
**PI.L000BW**

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

**EN 54-3:2001 + A1:2002 + A2:2006**  
**EN 54-23:2010**  
**EN 54-25:2008 + AC:2012**

under system **1** are applied and that **the product fulfills all the prescribed requirements set out above.**

This certificate cancels and replaces the certificate having the same number and issued on 2019-07-10 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

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ING. V. BAGGIO  
CPR TECHNICAL DIRECTOR

Milan, 2021-06-07

This Certificate was issued by IMQ S.p.A., a Notified Body according to Regulation (EU) No. 305/2011.  
IMQ S.p.A. Identification Number is: 0051.

## ANNEX

### 0051–CPR–1739

#### Configuration

The product consists of a red or white plastic enclosure (dimensions: 130 (d) x 90 (h) mm) with IP33C degree of protection which contains a:

- Wireless module model TW-MWSO-01, containing:
  - No. 1 Main board (PCB code B40-ISWSM-0002);
  - No. 2 Battery allocable (CR123A Lithium, 3 V – 1.25Ah);
- Sounder and visual alarm device models CWS100-AV and CWS100-AV(W), containing:
  - No. 1 Main board (PCB code B20-CWS1X-1002);
  - No. 1 Piezoelectric buzzer;

#### Technical Characteristics

- Tone patterns in compliance with EN 54-3:
  - Warble Tone: 800 Hz for 500 ms then 1000 Hz for 500 ms;
  - Continuous tone: 970 Hz continuous;
  - Slow Whoop (Dutch): 500-1200 Hz for 3500 ms, then off for 500 ms;
  - German DIN tone: 1200-500Hz swept every 1000 ms (1Hz);
- Coverage characteristics: W2.5-7;
- Flash rate: 0.5 Hz;
- Destination for use: Type B (for external);
- Operating frequency band: 868 MHz ; 916 MHz;
- Hardware identification of the microcontroller (U5) used on the main board (PCB code B40-ISWSM-0002): STMicroelectronics, STM32L051R8;
- Firmware identification of the microcontroller (U5) used on the main board (PCB code B40-ISWSM-0002):
  - 0\_1\_12, using the 868 MHz frequency band;
  - 0\_1\_13, using the 916 MHz frequency band.

#### List of optional functions with requirements (EN 54-23)

##### 4.3.7 Synchronization