

**CERTIFICATE  
EU -TYPE EXAMINATION  
Module B****No. 211299175**

issued in accordance with Annex III to Directive 2014/53/EU

**Applicant:** **AJAX SYSTEMS CYPRUS HOLDINGS LTD**  
**Ifigeneias, 17**  
**Strovolos, 2007**  
**Nicosia, Cyprus**

**Manufacturer:** **AJAX SYSTEMS MANUFACTURING LLC**  
**Sklyarenka, 5**  
**Kyiv, 04073**  
**Ukraine**

**Product:** **Outdoor motion detector**  
(the product specification and the technical documentation identification are listed in the annex to this certificate)

**Trade mark:** **"AJAX"**

**Model:** **Ajax MotionCam Outdoor**

**Hardware Version:** **MCO.001.MBR.001v5, MCO.001.PIR.001v3, MCO.001.OVB.001v4, MCO.001.FLB.001v4**

**Firmware Version:** **5.56.x.x**

With this certificate TSÚ Piešťany, š.p. as Notified Body confirms the conformity of the stated type of product with the essential requirements of the following Directive as amended:

**2014/53/EU Radio equipment (RED)**

**Essential Requirement:** **Article 3.1(a) Safety**  
**Article 3.1(a) Health**  
**Article 3.1(b) EMC**  
**Article 3.2 Radio**

The technical design of the assessed type has been verified on the technical documentation presented by the manufacturer according to Annex III, Module B of the Directive.

Certificate has been issued on the basis of this document: Conformity assessment report No. 210500161 dated 13.05.2021

**CE** the manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and meets the requirements of all applicable EC/EU Directives

**Issue date:** 17.05.2021  
**Expiry date:** 16.05.2026  
**Issue:** 1



Ing. Duša HANKO  
on behalf of TSU Piešťany, š.p., NB 1299

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### Standards used for the conformity assessment

Article of directive 2014/53/EU	Harmonized Standards	Other Standards
3.1(a) Safety	EN 62368-1:2014/AC:2015	EN 62368-1:2014/A11:2017
3.1(a) Health	EN 62311:2008	
3.1(b) EMC		EN 301 489-1 V2.2.3 EN 301 489-3 V2.1.1
3.2 Radio	EN 300 220-2 V3.1.1	EN 300 220-1 V3.1.1

As far as the essential requirements indicated, the Notified Body of TSÚ Piešťany, š.p. confirms, that the technical design of the product meets the essential requirements of the Directive 2014/53/EU Article 3

#### Remarks:

This certificate EU-type examination does not include the assessment of the manufacturing product and does not use the identification number of the Notified Body TSÚ Piešťany, š.p.

#### The rules for use of this certificate.

1. Based on Annex III, Module C of Directive 2014/53/EU, the manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate.
2. Validity of this EU-type examination certificate is limited to the versions of the applied standards. If versions of standards change or modifications are made to the product, this certificate will be invalidated.
3. It is forbidden to modify, amend or rewrite the data in the certificate
4. The holder of this certificate must keep the conditions specified in the General Rules for Product Certification, which are freely available at [www.tsu.eu](http://www.tsu.eu)



# Annex to the certificate EU-type examination

## No. 211299175

### Product Radio Specifications

Transceiver module	
Manufacturer name:	Shenzhen HOPE Microelectronics Co., Ltd
Product Designation.:	RFM69CW
Product Description:	RF transceiver module capable of operation over a wide frequency range, including the 315,433, 868 and 915 MHz license-free ISM
Details of operation	
Frequency Range	868.0 – 868.6 MHz
Transmit Power:	< 13 dBm (conducted)
Modulation:	GFSK
Antenna Designation:	Built-in, Inverted-F type, gain: -2 dBi

### Technical Documentation Identification

The following identified Technical Documentation has been reviewed and has been used to determine if the design of the mentioned radio equipment meets the essential requirements:

- Technical description, user manual, data of used antenna
- Analysis and assessment of the risks elaborated by the manufacturer
- Test report No.: 14011-21 issued 30.3.2021 by Ukrainian State Centre of Radio Frequencies, Test Centre UKRCHASTOTNAGLIAD, 151, pr. Peremogy, Kyiv, 03179, Ukraine on the product Outdoor motion detector, model. Ajax MotionCam Outdoor, manufacturer: AJAX SYSTEM MANUFACTURING LLC, Sklyarenka,5, Kyiv, 04073, Ukraine.
- Test report No.: 14025-21 issued 29.3.2021 by Ukrainian State Centre of Radio Frequencies, Test Centre UKRCHASTOTNAGLIAD, 151, pr. Peremogy, Kyiv, 03179, Ukraine on the product Outdoor motion detector, model. Ajax MotionCam Outdoor, manufacturer: AJAX SYSTEM MANUFACTURING LLC, Sklyarenka,5, Kyiv, 04073, Ukraine
- Test report No.: 14004-21 issued 17.3.2021 by Ukrainian State Centre of Radio Frequencies, Test Centre UKRCHASTOTNAGLIAD, 151, pr. Peremogy, Kyiv, 03179, Ukraine on the product Outdoor motion detector, model. Ajax MotionCam Outdoor, manufacturer: AJAX SYSTEM MANUFACTURING LLC, Sklyarenka,5, Kyiv, 04073, Ukraine
- Test report No.: 14024-21 issued 25.3.2021 by Ukrainian State Centre of Radio Frequencies, Test Centre UKRCHASTOTNAGLIAD, 151, pr. Peremogy, Kyiv, 03179, Ukraine on the product Outdoor motion detector, model. Ajax MotionCam Outdoor, manufacturer: AJAX SYSTEM MANUFACTURING LLC, Sklyarenka,5, Kyiv, 04073, Ukraine

User Manual	<input checked="" type="checkbox"/>
Product Label	<input checked="" type="checkbox"/>
Block diagram	<input checked="" type="checkbox"/>
Circuit Diagram	<input checked="" type="checkbox"/>
BOM	<input checked="" type="checkbox"/>
Operational description	<input checked="" type="checkbox"/>
Risk assessment	<input checked="" type="checkbox"/>
Hardware	<input checked="" type="checkbox"/>
Test reports or Certificates	<input checked="" type="checkbox"/>

The scope of evaluation relates to the submitted documents only.



