

# EU-Type Examination Certificate

## 2051-RED-183602

In compliance with Directive (EU) No 2014/53 of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment (RED), this certificate applies to the product(s)

**RFID reader integrated in motorbike dashboards**  
**Models: ZDM1604-D-00, ZDM1604-F-00**

Placed on the market under the name or trade mark of

**EGICON Srl**  
**Via Posta Vecchia n.36**  
**41037 - Mirandola (MO), Italy**

This certificate attests that all provisions concerning the assessment and verification of performance described in the standard(s)

<b>Art 3.1a:</b>	EN 62368-1:2014 + A11:2017 EN 62311:2008
<b>Art 3.1b:</b>	ETSI EN 301 489-1 V2.2.0:2017 ETSI EN 301 489-3 V2.1.1:2017
<b>Art 3.2:</b>	ETSI EN 300 330 V2.1.1:2017

as per Annex III (Module B) for the performance set out in this certificate, are applied.

Certificate issued September 04, 2018  
*Certificate was first issued September 04, 2018*

Certificate Revision: 0

**Nemko S.p.A.**  
*Authorized signatory:* Marco De Angelis

# NB 2051

This certificate has been granted by Nemko Spa a Socio Unico, Via del Carroccio 4, 20853 Biassono (MB), Italy

This certificate remains valid, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market. Nemko Spa is designated by the Italian Notifying Authority "Ministry of Economic Development".

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Nemko for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel in the establishment or issuance of this document, and in connection with any activities for which it may provide.

## ANNEX 1 – PRODUCT SPECIFICATIONS

### PRODUCT DESCRIPTION

Equipment identification: RFID reader integrated in motorbike dashboards  
Model/type: ZDM1604-D-00  
Variants: ZDM1604-F-00  
Brand/trade name: EGICON  
Supply voltage: 12 Vdc  
Rated power/current: 9A max

### TECHNICAL CHARACTERISTICS

Type of radio interface: RFID  
Intended purpose: RFID transponder integrated in motorbike dashboards, manufactured by EGICON for exclusive use on Ducati motorcycles  
Class of equipment: Commission Decision 2000/299/EC  
Class 1 - Sub-class 41, 42b  
Frequency range: 123 kHz and 134.2 kHz  
Transmit power: < 66 dBμA/m @10m (max measured -13.4 dBμA/m @10m)  
Modulation type: FSK  
Maximum duty cycle: 40-60%  
Channel separation: 11 kHz  
Antenna type: Dedicated loop antenna integrated in the key manufactured by Zadi (Ducati p/n: 652.4.024.1C)  
Firmware: 14

### MANUFACTURER

Name: EGICON S.r.l.  
Address: Via Posta Vecchia n.36, 41037 - Mirandola (MO), Italy

### ADDITIONAL INFORMATION

None.

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## ANNEX 2 - SCHEDULE OF APPROVAL

### SCOPE OF EXAMINATION

- |  |          |
|--|----------|
| <input checked="" type="checkbox"/> Protection of Health and Safety, according to Article 3(1)(a).     | COMPLIES |
| <input checked="" type="checkbox"/> Electromagnetic Compatibility (EMC), according to Article 3(1)(b). | COMPLIES |
| <input checked="" type="checkbox"/> Radio Spectrum Use, according to Article 3(2).                     | COMPLIES |
| <input type="checkbox"/> Special Radio Features, according to Article 3(3)(a)-(i).                     | N/A      |

### APPLICATIONS/LIMITATIONS

Nil.

### MARKING OF PRODUCT

The Manufacturer and Type Designation shall be applied to the product in a visible location.  
The equipment shall carry the CE marking of the European Union.

### TYPE EXAMINATION DOCUMENTATION

#### Test report(s)

- EMC test report by Nemko SpA (id: 350922TRFEMC, dated: 2018-05-23)
- Radio test report by Nemko SpA (id: 350922-1TRFWL, dated: 2018-05-23)
- Safety test report by Nemko SpA (id: 350922TRFSAF, dated: 2018-07-19)
- Health test report by Nemko SpA (id: 350922TRFEMF, dated: 2018-05-24)

#### Additional documentation

- RED technical file by Egicon (id: TCF-ZDM1604 Egicon, rev.04, dated: 2018-07-25)

### ADDITIONAL INFORMATION

Temperature test on display and marking durability test made by Manufacturer.

<< End of certificate >>

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#### Nemko Italy

Nemko Spa a Socio Unico, Via del Carroccio 4, 20853 Biassono (MB)  
TEL +39 039 220 12 01 FAX +39 039 220 12 21 EMAIL segreteria@nemko.com  
COD.FISC./P.IVA IT02540280969 CAP.SOC. € 895.960,00 i.v. ISCR.R.I. MB 02540280969  
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