

# ORGANIZATION FOR TECHNICAL CONFORMITY

## NB 2787

### Notified Body EU-Type Examination Certificate No 07085 / 14.09.2022

This is to certify that OTC Bulgaria Ltd. did undertake the relevant EU-type examination procedures for the technical design of the equipment identified below which was found to be in compliance with the essential requirements of the Radio Equipment Directive 2014/53/EU.

**Certificate Owner:** NIK ELEKTRONIK, LCC  
13A Marshala Tymoshenka Street, office 606,  
city of Kyiv, Ukraine

**Radio Equipment type:** Data concentration unit KC-02

**Model:** KC-02.UVW.X

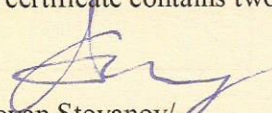
**Equipment Manufacturer:** NIK ELEKTRONIK, LCC  
34 Budivelnykiv Street, city of Dnipro, Ukraine

EU-Type Examination of the equipment is carried out according to Module B (Annex III of Directive 2014/53/EU). The compliance with the essential requirements was assessed on the basis of the following documents:

Directive 2014/53/EC	Technical Specifications	Applicant's document
Article 3.1. a) Safety (incl. EMF)	EN 62368-1:2017	Test Reports № 1047-1-2019 / 19.02.2020, UkrTEST of SE "Ukrmetrteststandart", 4 Metrologichna str., Kyiv, Ukraine
	EN 62311:2014	Test Reports № 1046-5-2019 / 28.11.2020, UkrTEST of SE "Ukrmetrteststandart", 4 Metrologichna str., Kyiv, Ukraine
Article 3.1.b) Electro- magnetic compatibility (EMC)	EN 301 489-1 V1.9.2:2014 EN 301 489-52 V1.1.0:2016 EN 55024:2017 EN 55032:2017 EN 61000-3-2:2016 EN 61000-3-3:2017	Test Reports № 1045-5-2019 / 25.08.2020, UkrTEST of SE "Ukrmetrteststandart", 4 Metrologichna str., Kyiv, Ukraine
Article 3.2 Radio frequency spectrum usage	EN 301 511:2016 EN 301 908-2:2017	Test Reports № 1046-5-2019/ 18.11.2020, UkrTEST of SE "Ukrmetrteststandart", 4 Metrologichna str., Kyiv, Ukraine

This certificate is valid from 14.09.2022 until no later than 13.09.2027.  
This certificate contains two pages and, as an inseparable part, an Annex.

Signed :

  
/Stoyan Stoyanov/





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### Notes:

- This EC-Type Examination certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 2014/53/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- The manufacturer shall keep a copy of the EU-type examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for 10 years after the equipment has been placed on the market.
- The manufacturer shall take all measures so that the manufacturing process and its monitoring ensure conformity of the manufactured equipment with the examined type described in this EU-type examination certificate by applying Module C and all requirements of the above Directive that apply to them.
- The manufacturer shall affix the CE marking to each individual equipment that is in conformity with the type described in this EU-type examination certificate and satisfies the requirements of this Directive.
- The manufacturer shall draw up a written EU declaration of conformity for each apparatus model and keep it at the disposal of the national authorities for 10 years after the apparatus has been placed on the market.
- This certificate will not be valid if the manufacturer makes any changes or modifications to the examined equipment, which have not been notified to, and agreed with OTC Bulgaria Ltd.
- Should the indicated Technical Specifications be amended during the validity of this certificate, the product(s) is/are to be reexamined prior to it/them been placed on the market.





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ANNEX to  
EU-Type Examination Certificate  
No 07085 / 14.09.2022

**Description of the Equipment:**

A data concentration unit KC-02.UVW.X, is designed for the remote collection, storage, and transmission to the server of data from devices that are equipped with appropriate interfaces. Data collection takes place during surveys. Surveys procedure for downloading to the database (reading) data from various devices. Reading is performed by using PLC technology or a direct connection to the RS-485 interface.

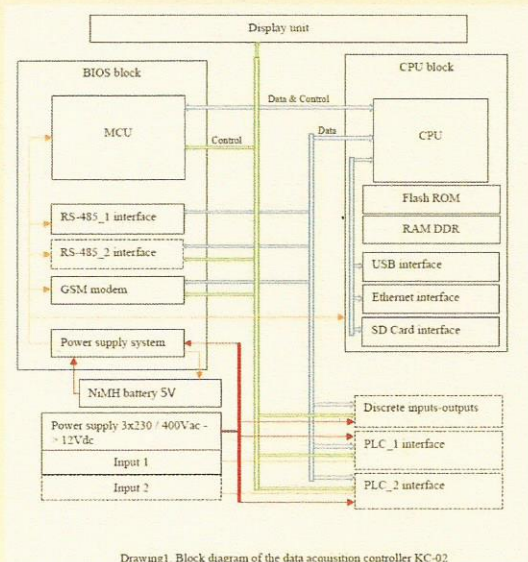
Communication with the server is done using GSM technology or via a wired Ethernet connection.

Position	Description and possible meanings
KC-02	Unit type
U	Interface 3: 0-not installed 2-RS-485 (on the main board)
V	Interface 4: 0-not installed 7-PLC G3 BAND 2 8-PLC G3 BAND 1 Y-PLC (DCSK) 9-I / O module (4 inputs, 2 outputs)
W	Interface 5: 0-not installed 7-PLC G3 BAND 2 8-PLC G3 BAND 1 Y-PLC (DCSK)
X	GSM: 0-not installed 1-GPRS 2-3G / GPRS





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## Basic parameters of radio module:

UMTS / HSPA / GSM / GPRS module	
Operating frequency bands [MHz]	E-GSM 900, DSC 1800 WCDMA
Transmit Power for E-GSM900	2 W
Transmit Power for DSC1800	1 W
Transmit Power for WCDMA	0.13 W
Output power of the radio module,	+17 dBm
Operating supply voltage Unom, V	3x230/400
Power consumption	20 W

