



# User Manual

Code: DS-K1T502DBFWX-C  
ACCESS CONTROLLER + RFID **DS-K1T502DBFWX-C** Hikvision

## Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

### Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

**Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.**

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

### Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

The DS-K1T502DBFWX-C controller can operate autonomously or in the network mode. The device allows user identification using a fingerprint, RFID card, PIN code, or a combination of the above. The device enables single door or read in/out access control. In addition, the built-in camera allows the registration of photos of people logging in and the transmission of the camera image directly to the computer managing the system.

RFID proximity reader built-in. 13.56 MHz S50 standard.



Cards support:	13.56 MHz S50
Reading distance of prox-keys:	max. 3 cm
Fingerprint reader built-in:	✓
Autonomous operation:	✓
Keyboard built-in:	✓
Doorbell button:	✓
Battery backup support:	—
Tamper output:	✓
Input lines:	2
Output lines:	1
Communication:	<ul style="list-style-type: none"> <li>• RS-485,</li> <li>• Wiegand (data output only),</li> <li>• LAN,</li> <li>• Bluetooth</li> </ul>
Network interface:	<ul style="list-style-type: none"> <li>• RJ-45 - 10/100 Base-T</li> <li>• Built-in Wi-Fi module</li> </ul>
Default IP address:	192.0.0.64
Default admin user / password:	admin / -



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Power supply:	12 V ... 24 V DC
Maximal current consumption:	1 A
Main features:	<ul style="list-style-type: none"><li>• Built-in camera 2 Mpx, Camera view angle 110 °</li><li>• Supported image compression methods : H.265, H.264</li><li>• 100000 indexed users,</li><li>• Memory of 10000 fingerprint patterns,</li><li>• History of 300000 events</li><li>• Identification: fingerprint and/or RFID card and/or PIN</li><li>• Possibility to control the door from the Hik-Connect mobile application</li><li>• micro SD Memory Card Reader - max. 256 GB</li><li>• Bi-directional audio streaming support - Cooperation with the SIP server</li><li>• The user is equipped with the Wiegand 26/34 interface allowing cooperation with an external access controller</li><li>• RS-485 interface - Outdoor proximity cards and key-fobs reader, Elevator support</li><li>• Support for door contact and exit button</li><li>• Buzzer</li><li>• LED indication</li><li>• White button illumination</li><li>• NO/NC output</li></ul>
Operation temp:	-40 °C ... 70 °C
"Index of Protection":	IP65
IK rating:	IK09
Housing:	Metal + Plastic
Color:	Silver
Weight:	0.82 kg
Dimensions:	177 x 81 x 24 mm
Manufacturer / Brand:	Hikvision
SAP Code:	302918809
Guarantee:	<b>3 years</b>

Front panel:



Mounting side view:



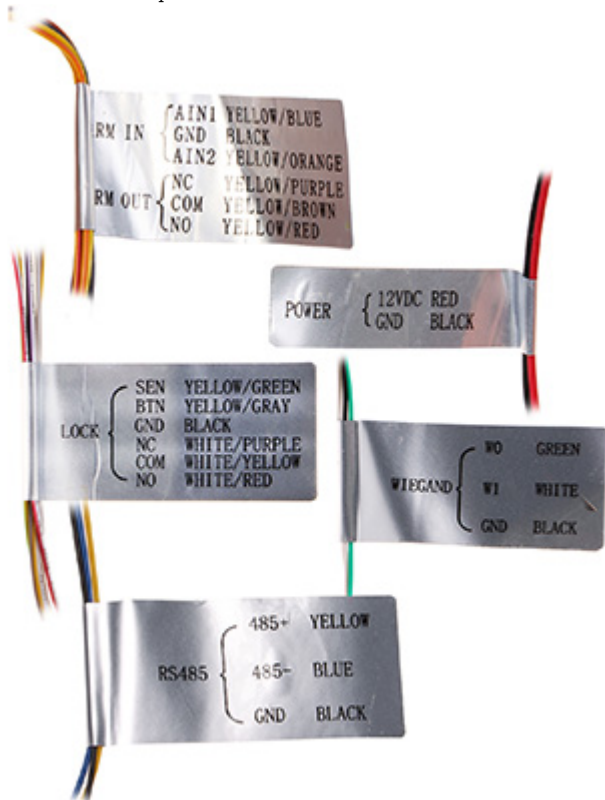
Connectors description:



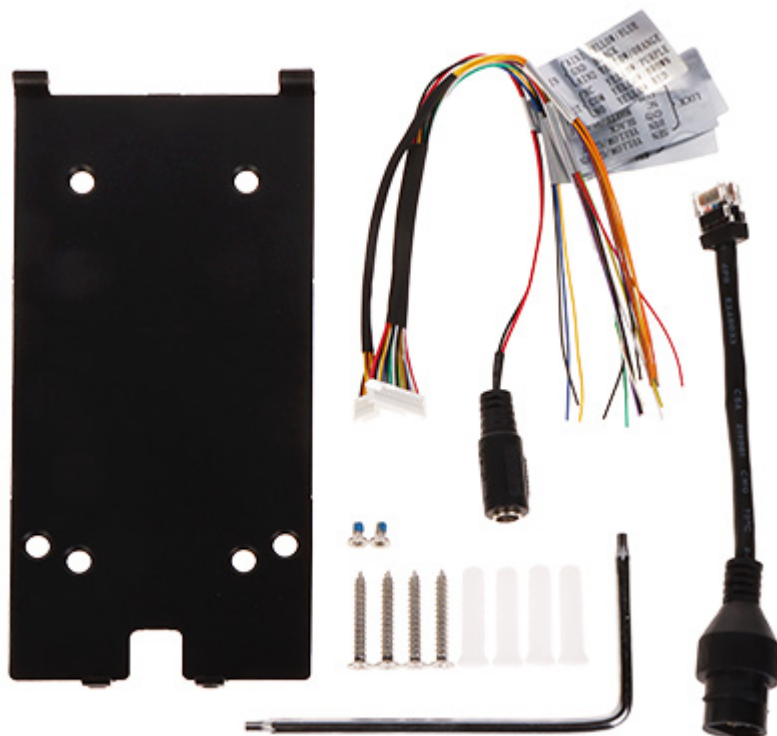
View after open the cover:



Connectors description:



In the kit:



## PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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