



# User Manual

Code: DS-K1A802AEF-B

TIME & ATTENDANCE RECORDER **DS-K1A802AEF-B** 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-K1A802AEF-B Time Attendance Recorder is standalone device equipped with keypad, RFID reader and fingerprint reader.

Time Attendance Recorder has a memory to store up to 3000 users and up to 3000 different fingerprints (max 10 for one user). The device enables storing up to 100 000 events, taking into account the programmable work schedule (individual and group) and the distinction of: standard events, overtime, lateness and earlier exits.

The identification of each user can be done using the PIN code consisting of 4 ... 8 digits, a fingerprint or with using the proximity reader working in EM 125kHz standard. It is also possible to create a user with only one identification method.

The DS-K1A802AEF-B device can work either autonomously or as a part of an alarm system. The product has been equipped with a network interface, so it can be combined with systems based on the **IVMS-4200** software.



#### FINGERPRINT READER:

Identification time:	< 1 s
FAR (False Acceptance Rate):	≤ 0.001 %
FRR (False Rejection Rate):	≤ 0.01 %

#### PROXIMITY READER:

Cards support:	Unique EM 125kHz
Reading distance of prox-keys:	max. 5 cm
Keyboard built-in:	✓
Doorbell button:	—
Relay output:	—
Internal memory:	✓
Memory card slot:	—

Main features:	<ul style="list-style-type: none"> <li>• Autonomous operation</li> <li>• 3000 indexed users,</li> <li>• 3000 indexed fingerprints (maximum 10 per user),</li> <li>• Non-volatile memory of recent 100 000 events and 150 000 presence records,</li> <li>• LCD display 2.4 " - color,</li> <li>• Sound signaling,</li> <li>• Network interface: LAN, Wi-Fi,</li> <li>• Firmware upgrade via USB port,</li> <li>• The possibility of programming group or individual work schedules, taking into account the permissible time of lateness and earlier exit,</li> <li>• The distinction of standard events, overtime, lateness and earlier exits,</li> <li>• Data export to USB flash memory in "*.xls" format</li> </ul>
Power supply:	5 V DC / 1 A (power adapter included)
Weight:	0.28 kg
Dimensions:	155 x 140 x 30 mm
Operation temp:	-10 °C ... 55 °C
Permissible relative humidity:	10 % ... 90 %
Manufacturer / Brand:	Hikvision
SAP Code:	302912763
Guarantee:	<b>3 years</b>

Front panel:



Bottom view:



Mounting side view:



Device connectors:



In the kit:

