Code: EVR-8 TIME & ATTENDANCE RECORDER EVR-8 Net: 53.98 EUR Gross: 53.98 EUR

The EVR-8 T&A Recorder enables events handling and recording from two RFID readers (with or without a keypad) in Wiegand standard. Communication between the device and the computer is done using RS-485.

The software included with the device allows for convenient management of a system consisting of up to 8 devices. The program allows to register devices, enter into the system and edit users, assign specific users access to individual rooms and view data collected by devices together with statistics calculated on the basis of these data.

As part of the statistics, it is possible to individually define for each employee the working days and the typical start and end time of the working day, taking into account the admissible times: early coming, late coming, early leaving, and later leaving. Based on these data and events registered for a given user, the program calculates working time, time spent on the facility, break time (time spent outside the facility during working hours). In addition, the EVR-8 software allows displaying the average working time of a given user in a weekly, monthly cycle and average working time on particular days of the week.

The device makes a local record of the events on the SD/SDHC card.

The KINGSTON 8GB memory card included in the kit. Note! The SD card must be formatted in FAT32.



SPECIFICATION

Number of supported readers:	2 pcs
Relay output:	1 pcs NO/NC
Relay contacts load:	• max. 30 V DC / 50 V AC, • max. 10 A
Power supply:	12 V DC
Current consumption:	\leq 55 mA (max) - (without connected readers)
Distance between reader and recorder:	max. 150 m
Main features:	 The ability to build a system of up to 8 devices of the EVR-8 The included EVR-8 software allows to collect data from up to 8 devices and enables a thorough analysis of these data, as well as statistics based on them Connecting to the EVR-8 maximal two readers with or without a keypad (Wiegand standard) Possibility to connect a door release button instead of one of the readers Events saving to the SD card - FAT32 Its own clock with battery backup Relay to control for example: electric strike or electromagnetic lock The connection to the computer is via the RS-485 port
Weight:	0.09 kg
Dimensions:	103 x 56 x 30 mm
Guarantee:	3 years
Manufacturer / Brand:	DELTA

PRESENTATION

Front panel:



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Rer panel:

Device connectors:



B0 - Channel 0 buzzer control D01 - Input D1 of the port 0D00 - Input D0 of the port 0 (door release button input) L1 - Channel 1 diode control B1 - Channel 1 buzzer control D11 - Input D1 of the port 1 D10 - Input D0 of the port 1 GND - Power ground of the readers +12V Power output of the readers (A) - RS-485 (B) - RS-485 GND - Power input 2x 12 Power input NO - NO relay output C - C relay output NC - NC relay output Top view:

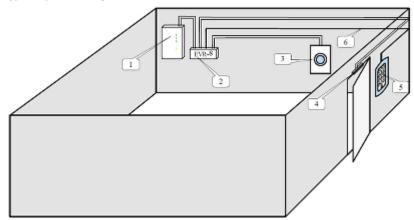


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2024-04-18



Typical operation diagram:



- 1) Power adapter
- 2) EVR-8
- 3) Door exit button (connect between D00 input and ground (GND))
- 4) Electromagnetic Lock
- 5) Reader with keypad
- 6) Six-wire cable (e.g.: YTDY-6)



Blue - USB

Orange - RS-485 Green - Wiegand

- Yellow 2-wire connection of the door opening button
- 1. Computer
- 2. USB to RS-485 interface converter
- 3. Reader with keypad
- 4. Reader without keypad
- 5. Door exit button (connect between D00 input and ground (GND))
- 6. EVR-8
- Example captures of device interface:



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In the kit:



PACKAGE

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



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