

# KODOS MI-50 Indication module

## Certificate

### Basic Item Information and Technical Data

**KODOS MI-50 indication module** (hereinafter referred to as MI-50) is used as a component of the address fire and burglar alarm (FBA) system based on control and indicating equipment - KODOS A-20 Central Panel and also designed to be incorporated in SCREEN system.

The functions executed in the course of MI-50 operation are as follows:

- a) displays information on the status of the indication object and MI-50 operation mode;
- b) receives the code of code carrier from the reader and transmits it to a personal computer (PC) for further processing;
- c) transmits control signals from the KODOS A-20 Central Panel or PC to the executive devices.

MI-50 allows performing the following:

- a) when used as the component of the FBA system – to visually monitor zones and control channels, set sections on and off guard by means of readers connected to MI-50;
- b) when used as a component of SCREEN – to visually register the presence of employees.

**Table 1 – Performance Data**

Voltage of external power supply, <b>V</b>	9.5 ... 15.0
Consumption current, <b>mA</b> , maximum	200
Protocol of connection with KODOS A-20 (KODOS AD-01 adapter)	RS-485
Length of KODOS A-20 device connection line (KODOS AD-01 adapter), <b>m</b> , maximum	1200
Number of indication objects	50
Number of set hardware addresses	63
Number of control outputs	2
Wattage of active load at control outputs, <b>W</b> , maximum	30
Number of readers connected	2
Length of connection cable to reader, <b>m</b> , maximum	30
Operating environment: ambient temperature, °C relative humidity at 25 °C, %, maximum	+5 ... +55 80
Overall dimensions, <b>mm</b>	255x222x11
Weight, <b>kg</b> , maximum	0,8

## Standard Equipment

1	KODOS MI-50 Indication module	- 1 pc
2	Self-tapping Screw 3.5x25	- 4 pcs
3	Plastic Nailing Plug	- 4 pcs
4	Sticker	- 50 pcs
5	Certificate	- 1 copy
6	Package	- 1 pc

## Notes on Operation

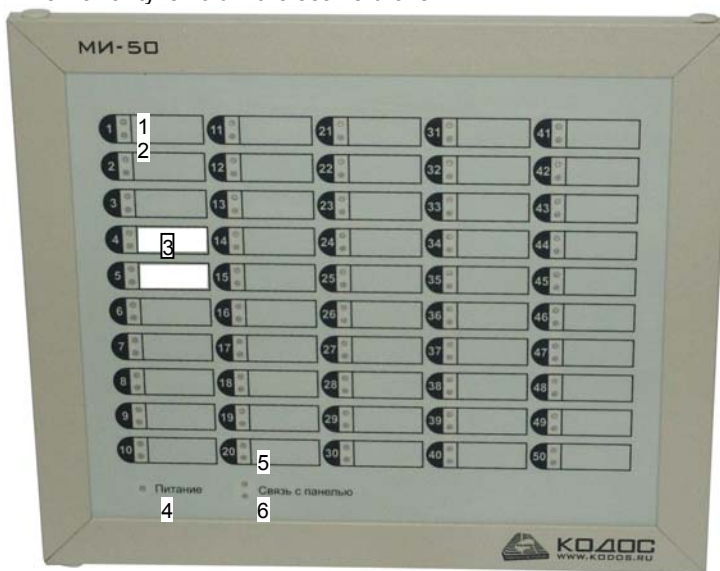
1 Assembly, installation, and maintenance of the address unit shall be performed in accordance with the document "KODOS A-20 Central Panel-Based Fire and Burglar Alarm System. Installation Guide".

2 To set the hardware address of MI-50 set the DIP-switches 1-6 located on the back side of the unit body in the respective position.

3 Before starting the operation set switch 7 to position OFF, switch 8 (MI-50 mode ON) to position ON.

4 LEDs (Figure 1) are used to indicate the MI-50 power supply (Power), the status and operation modes of MI-50 (Connection to panel), and the status of the indication objects (two LEDs in each information field).

5 The warranty is void if the seal is broken.



- |   |                      |                        |
|---|----------------------|------------------------|
| 1 – green LED of the indication object; | 4 – Power LED;       | } Connection to panel; |
| 2 – red LED of the indication object;   | 5– Transmitting LED; |                        |
| 3 – stickers;                           | 6 – Receiving LED;   |                        |

**Figure 1 – Indication module (front)**