

S2000-K INDICATION

Indication in the S2000-K is realized by means of the LCD, the LED indicator and the audible sounder (beeper).

The S2000-K **LCD** can work in the quiescent mode (idle mode), in the network controller dialog display mode, and in the system message display mode in which it represents system messages received by the S2000-K from the network controller (if the last option is set).

In the quiescent mode the current time is displayed on the LCD of the S2000-K, and the LED indicator and beeper are turned off.

When the S2000-K is configured to output the system messages, it displays them on the LCD screen at reception from the network controller and turns on the LED indicator. Quit from the message display mode into the time display mode can be made by the **CLEAR** button.

Moreover, on the S2000-K screen the message “НЕТ СВЯЗИ” (Communication lost) can be displayed accompanied by turning on the LED indicator one time in a second that means loosing the S2000-K-network controller data exchange; at that operations with the keypad S2000-K (password entry, messages browsing, access request) become impossible.

In standby mode the S2000-K **beeper** is turned off. Pressing the buttons on the keypad is accompanied by short single beeps. For indication of the result of operations such as an access request and attempt of the system specific partitions arming the beeper has two special beeps:

«Успех» (Success)	Two short beeps
«Ошибка» (Error)	Long single beep

While the S2000-K is operating in the alarm indication mode the beeper is used for indication of alarm messages (see below). To reset the alarm beep it is necessary to press any button.

The S2000-K **LED indicator** gives signals about reception of messages from the network controller (if this mode is set), or indicates loosing connection with it.

Нет связи по RS-485 (No communication via RS-485)	Turns on one time in a second
Нет сообщений (No messages)	Turned off
Принято сообщение (Message received)	Turned on continuously

Принято	тревожное		Turned on in blinking mode
сообщение	(Alarm message received)		

ACCESS REQUEST

When the S2000-K keypad is used in an access control system, for access request into security premise it is necessary to enter four-digit password (PIN code) which should be registered by the network controller with appropriate privileges. User identification can be made also by means of a Touch Memory device (iButton) or Proximity card registered by the network controller with appropriate privileges and presented to one of the Orion ISS devices' reader which is assigned to this S2000-K keypad (see Section "**Network controller setting**").

For passwords (electronic access devices, cards) that give the rights of passage through several access points it is necessary to specify at request the number of the door being opened in the Orion ISS.

If entered password (electronic access device) is recognized by the network controller and gives access for passage through the specified door, the S2000-K displays the message "ДОСТУП РАЗРЕШЕН" (Access permitted), and the network controller produces the command for the actuator to unlock the door.

Otherwise the S2000-K produces beep "*Ошибка*" (Error) and displays an access refusal message with specifying one of the reasons:

НЕВЕРНЫЙ (Invalid password)	ПАРОЛЬ		Password is not registered by the network controller
ДОСТУП (Access denied)	ЗАПРЕЩЕН		
НЕВЕРНЫЙ (Incorrect partition)	РАЗДЕЛ		Password does not give access to this door
НЕ ВЫПОЛНЕНО (Not executed)	(Not		
	executed)		Command run error

Access request is carried out from the S2000-K standby mode, switching to which (if necessary) is made by the **CLEAR** button. Examples of access request using the C2000-K keypad are given below.

REQUEST WITH THE PASSWORD FOR ACCESS THROUGH A SINGLE DOOR

Switch the S2000-K if it is necessary into the time display mode (see above) and type your four-digit password on the S2000-K keypad (or present your electronic access device to a reader which is assigned to this S2000-K).

In success case the positive access message will be displayed on the S2000-K LCD, and the beeper will produce the signal "Успех" (Success). Otherwise the beeper will produce audible signal "Ошибка" (Error), and refusal message will be represented on the display.

After trice-repeated entering of invalid passwords the keypad blocks input for 30 seconds.

REQUEST WITH THE PASSWORD FOR ACCESS THROUGH SEVERAL DOORS

Switch the S2000-K if it is necessary into the time display mode (see above) and type your four-digit password on the S2000-K keypad (or present your electronic access device to a reader which is assigned to this S2000-K).

If entered password (presented electronic access device) is registered in the system and has the access rights, the number of one of the doors accessible to the user will be represented on the LCD. Using buttons and select the necessary door or enter door number (from 1 to 9999) by number buttons, and then press .

In success case the positive access message will be displayed on the S2000-K LCD, and the beeper will produce the signal "Успех» (Success). Otherwise the beeper will produce audible signal "Ошибка" (Error), and refusal message will be represented on the display.

After trice-repeated entering of invalid passwords the keypad blocks input for 30 seconds.