Standard Controller

KDH-KS3012-IP-II



The KDH-KS3012-IP-II standard controller is designed to work with the new **NOVUS MANAGMENT SYSTEM AC (ver. > 6.01.039)** physical access control system. Communication with the system server is based on TCP/IP protocol via the Ethernet port on the controller board.

It is possible to connect up to two readers to the controller using the Wiegand ports. **Readers with output from 26 to 66 bits are supported.** This ensures that the KDH-KS3012-IP-II controller can handle one double-sided or two single-sided access controlled doors.

The support of readers with a four-bit keyboard output format allows the use of different ways of identifying the user – card only, PIN only, card or PIN and the two-stage identification card and PIN.

The KDH-KS3012-IP has NO/NC configurable inputs and relay outputs to control the operation of devices with a significant value of current (e.g. electromagnetic locks, signallers). The number of inputs and outputs of the controller can be increased by using the additional expansion module KDH-MOD3000INOUT.

Memory of 20 000 cards, 50 000 events and 20 000 alarms allows the system to operate undisturbed even when communication with the server is lost, as well as archiving events and alarms on the server after reconnecting.

Standard controllers are installed inside a safe area in a metal enclosure with a buffer power supply. The power supply allows you to connect the battery supporting the physical access control system even in the event of an electrical network failure.

Security grade	Grade 2 (as part of the system)
Readers port quantity	2
Double-sided acces point	1
One-side acces point	2
Readers port type	Wiegand
Readers type	proximity, magnetic stripe, biometric
Communication ports	TCP/IP
Card buffer	20 000
Event buffer	50 000
Inputs	6
Outputs	3
Supply power	12 VDC
Temperature range	-10°C to 55°C
Humidity (non-condensing)	10% - 90%
Dimensions (mm)	120 x 140 x 22
Readers power	12V
Lock output type	relay
Lock output monitoring	no
LED and buzzer output	4
Extension port	1 x 4 relays module
Auxiliary output power	-

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Access control controllers using NOVUS MANAGEMENT SYSTEM AC software must operate on a dedicated physical or logical network (separate network card, switch, VLAN) to avoid mutual interference with other devices on the network.