Proximity card reader

KDH-CK130U-B-III



KaDe 130 series readers replace 100 and 110 series readers in offer. Well known and accepted on the market design line (the same as KDH-C330-U/H/M-III and KDH-CK330-U/H/M-III) integrates excellent in every interior – traditional and more modern one.

In addition to indoor usage KaDe 130 series readers can be used also outdoor. Durable ABS plastic housing and IP66 providing construction allow this feature.

Readers are equipped with the most common Wiegand output interface. Connecting D0 and D1 wires responsible for data transmission to controller's Wiegand input allows card numbers reading. This type of interface allows to use KaDe 130 series readers in majority of physical access control systems. The device supports reading the UID of MIFARE DESFire EV1, EV2, and EV3 card standards.

Built-in signalers – buzzer and green-red LED, besides internal control by reader's circuits during card reading have led out control lines, which can be connected to proper access controller's outputs. This allows to generate sound and optical signals according to event type configured in access control system.

Additionally KDH-CK130M-B-III reader has built-in keypad. It has switched output format what allows usage in various access control systems (4 bit e.g. KaDe, 8 bit e.g. Kantech). Keypad allows other authorization methods than RFID identifier reading – PIN codes or combination of RFID identifier reading and PIN code usage.

Reader type	proximity
Card Reading	UID
Operating frequency	125 kHz
Read range	up to 5 cm
Supply voltage	12 V DC
Current load	35 mA
Keypad	yes
Keyboard format	4 bit, 8 bit, virtual card number
Tamper sensor	none
Output interface	Wiegand
Output bits	from 26 to 44
Hardware connection	pigtail
Color	black
Dimensions	122 mm x 50 mm x 21 mm
Indoor /outdoor	for indoor and outdoor use
Temperature range	-40°C to 60°C
Humidity (non-condensing)	10% - 95%