



7-series Keypad Reader

The 7-series Keypad Reader boasts a beautifully crafted, modern and timeless design paired with a thoughtfully engineered user interface and powered by ELID's robust and proven technology. It is the perfect human interface to ELID's Access Control System.



EK748 Touch Sense Keypad Reader

EK748's enclosure features sculpted surfaces and a sandblasted matte finish contrasted with piano black highlights. The integrated mood-lighting adds a touch of elegance to complement any environment.

EK748's built-in card reader module is designed to meet the most demanding access control requirements. It comes with a high precision 12-key touch sense keypad and a 128 x 32 graphical LCD display. The enclosure's robust construction makes it ideal for high traffic indoor use.

TECHNICAL SPECIFICATIONS

- **Microprocessor:** 8-bit 16MHz MCU
- **Communication Interface:** RS485 or Wiegand
- **Reading Range:** 3cm to 8cm
- **Transmit Frequency:** 125Khz (EM), 13.56MHz (Mifare)
- **Display:** 128 x 32 GLCD (blue)

- **Keypad:** 12-key touch sense keypad
- **Indicator:** LCD and buzzer
- **Operating Voltage:** 5 VDC/12 VDC
- **Current Consumption:** 270mA
- **Operating Temperature:** 0° C to 60° C
- **Colour:** Black
- **Casing Dimension:** 100(H) x 135(W) x 30(D)mm

Ordering Information:

- **ER0748SE1:** EK748W/EM Touch Sense Keypad (EM Reader, Wiegand 26/40 bit)
- **ER0748SM1:** EK748W/MF Touch Sense Keypad (Mifare Reader, Wiegand 26/32 bits)
- **ER0748RE1:** EK748R/EM Touch Sense Keypad (EM Reader, RS485)
- **ER0748RM1:** EK748R/MF Touch Sense Keypad (Mifare Reader, RS485)



EK72X Card Reader

The ER72X proximity card reader is the perfect complement to the EK748 reader with touch sense keypad. Both reader devices feature the 7-series' distinct design language with artfully sculpted surfaces resulting in a bold yet timeless aesthetic that also blends seamlessly within any modern interior.

The EK72X is a high performance short-range Proximity Reader that is suitable for both indoor and outdoor applications. It is powered by ELID's robust and reliable reader technology and is compatible with all ELID access controllers.

TECHNICAL SPECIFICATIONS

- **Microprocessor:** 8-bit 40MHz MCU
- **Communication Interface:** RS485 or Wiegand
- **Mode of Operation:** Card
- **Reading Range:** 3cm to 8cm
- **Transmit Frequency:** 125Khz (EM), 13.56MHz (Mifare)
- **Output Format:** Wiegand 26/40-bit

- **Indicator:** LED and buzzer
- **Operating Voltage:** 5 VDC/12 VDC
- **Current Consumption:** 80mA
- **Operating Temperature:** 0° C to 60° C
- **Protection:** Surge protection, Water proof
- **Colour:** Black
- **Casing Dimension:** 85(H) x 45(W) x 15(D)mm

Ordering Information:

- **ER0723W01:** ER723W EM Proximity Reader (Wiegand 26/40 bit)
- **ER0728W01:** ER728W Mifare Contactless Card Reader (Wiegand 26/32 bits)
- **ER0723R01:** ER723 EM Proximity Reader (RS485)
- **ER0728R01:** ER728 RS485 Mifare Contactless Card Reader (RS485)



For more information: Check out the website at www.elid.com, or contact our dealers. ELID has a policy of continuous research and development, and reserves the right to change specifications without notice.

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