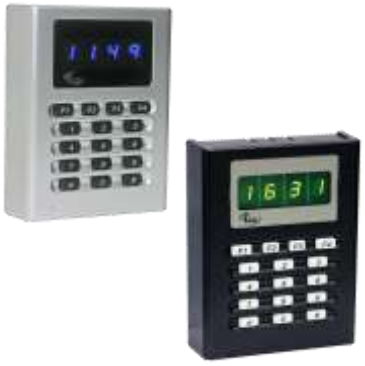
Reader Technology

 ER-0928-E06	The ER-928/E is a Mifare Contactless Smart Card reader with built in antenna employing Elid's proprietry encryption and algorithm for a more secure data transmission from smart card to reader. ER928/E interfaces with a Reader Interface Unit via wiegand protocols. For added PIN security, the EK9 series keypad can be mounted adjacently to the reader. • Colour : Beige/Charcoal Grey • Data Format : Wiegand 40 Bit EMS (Elid Mifare Standard) • Read Range : 3-5 cm • Status Indication : By LED & Beeper • Radio Frerquency : 13.56MHz • Power Consumption : 12V/150mA • Communication Output : Free Wiegand • Dimensions : 110mm x 44mm x 21mm
 ER-0928-G06	The ER928/G is a standard Mifare Contactless Smart Card reader with built in antenna ER928/G interfaces with a Reader Interface Unit via wiegand protocols. For added PIN security, the EK9 series keypad can be mounted adjacently to the reader. • Colour : Biege/Charcoal Grey • Data Format : Wiegand 26-32 bits • Read range : 3-5 cm • Status Indication : By LED & Beeper • Radio Frequency : 13.56 MHz • Power Consumption : 12V/150mA • Communication Output : Wiegand/Free Wiegand • Dimensions: 110mm x 44mm x 21mm
 ER-0923-0M2	**ERH923** The ERH923 is a Short-range Proximity reader which will read all HID Cards. ERH923 interfaces with a Reader Interface Unit via wiegand protocols. For added PIN security, the EK9 series keypad can be mounted adjacently to the reader. • Color: Beige/Charcoal Grey • Data Format: Weigand 26-40 bits • Read Range: 3-5 cm • Status Indication: By LED & Beeper • Radio Frequency: 125Khz • Power Consumption: 5V/50mA • Communication Output: Wiegand • Dimensions: 110(H) X 44(W) X 35(D) mm
 ER-0023-0M7	**ERH23** The ERH23 is a Short-range Proximity reader which will read all HID Cards. ERH23 interfaces with a Reader Interface Unit via wiegand protocols. It can be unobtrusively mounted on door mullions. It is epoxy coated and most suitable for weatherproofapplica-tions. • Color: Charcoal Grey • Data Format: Weigand 26-40 bits • Read Range: 3-5 cm • Status Indication: By LED & Beeper • Radio Frequency: 125Khz • Power Consumption: 5V/50mA • Communication Output: Wiegand • Dimensions: 120(H) X 44(W) X 20(D) mm

Reader Technology

 ER-0029-002	**ER29H** ER29H Reader is ideal for installations incorporating parking control and medium read range applications. The ER29H reader packages all the electronics in one rugged, attractive and easy-to-install housing. • Color: Charcoal Grey • Data Format: Weigand 26bits • Read Range: 50cm with EC-0021-02U passive HID Card • 8' (2.5m) with ProxPass Active Vehicle Tag • Status Indication: By LED & Beeper • Radio Frequency: 125Khz • Power Consumption: 12V/700mA • Communication Output: Wiegand • Dimensions: 305(H) X 305(W) X 25.4(D) mm
 ER-0923-006	**ERM923** The ERM923 is a short range EM Proximity Card reader with built in antenna. ERM923 interfaces with Reader Interface Unit via wiegand protocols. For added PIN security, the EK9 series keypad can be mounted adjacently to the reader. • Color: Beige/Charcoal Grey • Data Format: Weigand 26-40 bits • Read Range: 3-5 cm • Status Indication: By LED & Beeper • Radio Frequency: 125Khz • Power Consumption: 5V/50mA • Communication Output: Wiegand/Free Wiegand • Dimensions: 110(H) X 44(W) X 35(D) mm
 ER-0023-006	**ERM23** The ERM23 is a Short-range EM Proximity reader with built in antenna. ERM23 interface with a Reader Interface Unit via wiegand protocols. It can be unobtrusively mounted on door mullions. It is epoxy coated and most suitable for weatherproofapplications. • Color: Charcoal Grey • Data Format: Wiegand 26-40 bits • Read Range: 3-5 cm • Status Indication: By LED & Beeper • Radio Frequency: 125Khz • Power Consumption: 5V/50mA • Communication Output: Wiegand/Free Wiegand • Dimensions: 120(H) X 44(W) X 20(D) mm

Reader Technology

 ER-0823-G06 / ER-0823-G07	**ERM823** The ERM823 is an ultra thin Short-range EM Proximity reader with built in antenna. ERM823 interfaces with a Reader Interface Unit via wiegand protocols. It can be unobtrusively mounted on door mullions. It is epoxy coated and most suitable for weather-proof applications. • Color: Smoke Black/ Metallic Silver • Data Format: Wiegand 26-40 bits • Read Range: 3-5 cm • Status Indication: By LED & Beeper • Radio Frequency: 125Khz • Power Consumption: 5V/80mA • Communication Output: Wiegand / Free Wiegand • Dimensions: 85(H) X 45(W) X 15(D) mm
 ER-0009-R01	**EK9R** The EK9R is a compact keypad with built-in EM Proximity card reader. They keypad with reader is compatible with ER505 Read Interface Units. • Color: Beige/Charcoal Grey • Display Type: 4 x 7 Segment Green LED • Keypad Type: 12-key rubberized keypad • Data Format: Weigand 26-40 bits • Read Range: 3-5 cm • Status Indication: By LED & Beeper • Radio Frequency: 125 Khz • Power Consumption: 5V/50mA • Communication Output: Wiegand / Free Wiegand • Dimensions: 110(H) X 90(W) X 35(D) mm
 ER-0009-R02/ER-0009-R03	**EK8R** The EK8R is a compact keypad with built-in EM proximity card reader. Functionally it is the same as the EK9R expect that is has different shape. They keypad with reader is compatible with ER504 & ER505 Reader Interface Units. • Color: Smoke Black/Metallic Silver • Display type: 4 x 7 Segment Red or Green LED / Blue LED • Keypad: 16-key rubberized keypad • Data Format: Wiegand 26-40 bits • Read Range: 3-5 cm • Status Indication: By LED & Beeper • Radio Frequency: 125Khz • Power Consumption: 5V/270mA • Communication Output: Wiegand / Free Wiegand • Dimensions: 115(H) X 90(W) X 30(D) mm

Reader Technology

ER-0900-001

ER900

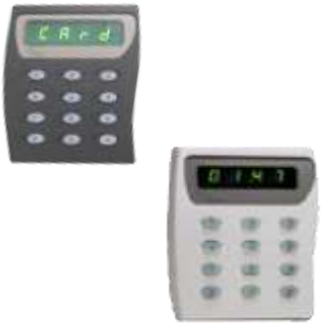
ER900 RFID Long Range Reader uses UHF radio frequency identification (RFID) technology to create integrated automatic vehicle identification (AVI) system that offers superior performance characteristics over traditional long range proximity card systems.

- Format Support: UHF Tags
- Verification time : <1 sec
- Colour: Charcoal Grey
- Packaging: Weatherproof integrated antenna enclosure
- Communication Interface: RS485, TCP/IP LAN (optional)
- Read Range : 1.8m to 3.1m (depending on types of tags)
- Radio Frequency : FCC UHF Band, 902 - 928 MHz
- Power Consumption : 85 to 264 VAC/600mA
- Communication Output : Wiegand 26 Bits
- Dimensions: 305(H) X 254(W) X 102(D) mm

ER-1000-001 (handkey)

ER-1000-001 (Handkey)
Handkey CR
The Handkey is another Advanced Biometric device designed to verify the geometry of the user's hand to enhance the level of security. It can work in conjunction with card-based access control systems for dual technology verification. Handkey is used in situations where fingerprinting is not viable due to harsh & severe environments. In the dual technology mode the user can opt to utilize his card or integrated keypad to input his ID number for biometric verification.

- Verification time: <1 second
- Power Consumption: 12-24VDC or VAC
- ID Number : 1 to 10digit from Keypad or Card Reader
- Identification: One-To-One (1:1)
- User Capacity: 512 Users (internally expandable to 32,512)
- Card Reader Input/Emulation: Proximity 26-bit (8-bit facility code), Magnetic Stripe and Bar Code
- Communication: Wiegand, RS485 (4 wires and 2 wires), RS232, TCP/IP (optional)



ER-0009-001 (EK9S)

ER-0009-001

The ER-0009-001 keypad is aesthetically designed to fit with all ER92x series readers as a means for PIN Entry and Status display. It is compatible with all ELID Access Controllers.

Colour : Beige/Charcoal Grey
Display type : 4x7 Segment Green LED
Keypad : 12-key rubberised keypad
Power Consumption : 5V/270mA
Communication Output : Serial (8 Core)
Dimensions: 115(H)X 90 (W) x 30 (D) mm