



EZ710BU

Dual Interface Reader



—| Descriptions:

Contactless smartcards are not just for offices any more; they have found their way into our daily lives. We use them in stores and public transportation. The Castles EZ710 Dual interface contactless reader with its elegant style and small footprint will support both traditional card swipe and contactless usage.

The EZ710 Dual Interface Reader requires no additional power supply. Its sleek and compact design makes it easy to carry and use wherever it's needed. Customers can place their contactless card in any position within the contactless reading area. Two LED lights will indicate the status of the reader during each fast and simple transaction.

EZ710 contactless reader is certified and compatible with all major operating systems. A standardized smartcard reader API allows developers to work with contactless cards (including Mifare and other wired-logic chips) as easily as traditional T0 and T1 contact cards.



Based on the 13.56Mhz RFID technology, EZ710 can support ISO14443 Type A and B contactless smartcards and the SONY® Felica (Type C). In addition to contactless smartcard applications, this reader can be used with NFC (Near Field Communication) devices.

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EZ710BU

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Features:

1. Combined contact and contactless dual smart card interface
2. Supports ISO 7816 smart card standard
3. Supports ISO 14443 Type A & B
4. Supports Contactless Card Type
5. *NXP (formerly Philips semiconductors) Mifare Classic, UltraLight, Desfire
6. *SONY Felica
7. *MULTOS and JavaCard T=CL cards
8. NFC card reading or other NFC-capable objects

Specifications:

Electrical

Power Voltage(V)	5V USB : USB bus RS232 : Powered by PS/2 Power Consumptions 200mA(Max.)
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Host Interface	RS232 (Communication speed: up to 115,200 bps) USB 2.0 (Full speed) 12M bps
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Contactless Card Interface	Mifare® classic protocol ISO14443 type A & B & T=CL and SONY®Felica (Type C),NFC Working frequency 13.56MHz Communication speed up to 424K bps
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Smart Card Interface	ISO7816 T=0 and T=1 protocol, EMV L1 Communication speed: up to 115,200 bps
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Status Indicator	2 LED indicator
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Environmental	Operation temperature(C°): 0 C°~ 40 C° Storage temperature(C°): -15 C°~ 70 C° Contrary humidity : 20%~90%
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Firmware / Software / Certificate

Approval	BSMI, FCC, CE, PC/SC 1.0 Standard
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Driver	Win7/Vista/WinXP/2000/ME/98/NT4.0,Linux
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API	PC/SC 2.0 API lib support
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Mechanical

Dimension	83mm(L) x 75mm(W) x 19mm(H)
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Weight	Approx 60g
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Housing Material	ABS
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Cable Length	120cm
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Smart Card Connector	IC Connector:200,000 Friction Type
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Model

Type	EZ710BU(USB Interface) EZ710BR(RS232 Interface)
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Features and specifications are subject to change without prior notice.

APPLICATIONS

- Loyalty
- Micro-payment
- Card issuing desk
- User identification
- and many other customized applications.



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