



## CR10 Series USB Readers

CR10 Series are accessories designed to read (CR10E/M) & write (CR10M/W) proximity cards. They are connected to PC through USB Port (Plug & play). They allow high speed transactions and incorporate LED indicators. CR10M/W includes communication protocol for development and it's compatible with S.O Windows 32 bits. CR10E and CR10M are compatible with all kind of windows S.O and read the same serial number as ZKSoftware devices.



### Features

- ✓ Frequency 125KHz (CR10E), 13.56MHz (CR10M/CR10M-W)
- ✓ Read Range: Up to 10CM (125 KHz) / Up to 5CM (13.56MHz)
- ✓ Read card number only (CR10E/CR10M)
- ✓ Read and write functionality (CR10M/W)
- ✓ USB Interface
- ✓ Power by USB
- ✓ High speed transactions
- ✓ LED Indicator and buzzer feedback
- ✓ No need driver (emulation keypad) Compatible with windows98/2000/XP/Vista/windows7 (CR10E/M)
- ✓ Communication protocol available for development (CR10M/W)
- ✓ Compatible with windows2k/2003/XP/Vista (32bits)/windows7 (32bits)



## Specifications

<u>Model</u>	CR10E	CR10M	CR10M/W
<u>Read Range</u>	Up to10CM	Up to5CM	Up to5CM
<u>Power / Current</u>	USB 5V DC / Max. 100mA	USB 5V DC / Max. 100mA	USB 5V DC / Max. 80mA
<u>LED Indicator</u>	2 Color LED Indicators (Red&Green)	2 Color LED Indicators (Red&Green)	2 Color LED Indicators (Red&Green)
<u>Beeper</u>	yes	yes	yes
<u>Operating Frequency</u>	125KHz	13.56MHz	13.56MHz
<u>Operating temperature</u>	-10° to +70°	-10° to +70°	0° to +70°
<u>Operating Humidity</u>	10% to 90% ( relative humidity non- considered)	10% to 90% ( relative humidity non- considered)	10% to 90% ( relative humidity non- considered)
<u>Color</u>	Black	Black	Black
<u>Material</u>	ABS+PC with texture	ABS+PC with texture	ABS+PC with texture
<u>Dimension: (WxHxT) mm</u>	140x100x30	140x100x30	140x100x30
<u>Weight</u>	120g	120g	120g
<u>Operating system support</u>	Emulation Keypad (Compatible with WIN98/2000/XP/VISTA/7)	Emulation Keypad (Compatible with WIN98/2000/XP/VISTA/7)	Communication protocol available for development

## Connectivity diagram

