

## CV70X0(C)-X High Performance Contact/Contactless Smart Card Handheld Reader

CV70X0(C)-X is high performance advanced handheld reader. It supports contactless smart card technology ISO15693, ISO14443A MIFARE®, ISO14443A/B, and contact smart card technology ISO7816 separately.

Handheld reader can be used in following fields:

- ✦ Mobile Time Attendance
- ✦ Driver License
- ✦ Personal Identification
- ✦ Public Transportation
- ✦ Data Collection
- ✦ E-Payment

CV70X0(C)-X installs BIOS to manage all the low-level works, users could only concentrate on the high-level development. In order to accelerate user's software developing, SDK with robust API library and IDE tools(C & ASM language) is available, which can ease users to visit reader database and upload data.

CV70X0(C)-X is powered by Li-battery or USB port (connecting with PC). It equips a 32-bit low-power microprocessor with 2M-byte (expandable up to 8M) flash memory and 512K byte SRAM. Users can store program into SRAM, and collect data into flash memory.

Via GPRS/GSM module, CV70X0(C)-X can send the data collected as email/SMS to other devices like Computer, Mobil Phone wirelessly.

The handheld reader can be used in harsh environment thanks to its special casing design. The power down function enables it to be an ideal platform for mobile application.

### ➤ Handheld Reader Family members are:

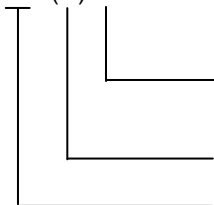
<a href="#">CV7010-X</a>	ISO15693, ISO14443A/B
<a href="#">CV7020-X</a>	ISO14443A/B
<a href="#">CV7060-X</a>	ISO14443A MIFARE®
<a href="#">CV7000C-X</a>	ISO7816
<a href="#">CV7010C-X</a>	ISO15693, ISO14443A/B + ISO7816
<a href="#">CV7020C-X</a>	ISO14443A/B + ISO7816
<a href="#">CV7060C-X</a>	ISO14443A MIFARE® + ISO7816

### Advantages

- ✦ 32-bit low-power microprocessor with 2M-byte (up to 8M) flash memory and 512K byte SRAM for programming and data storage
- ✦ Suitable for harsh environment
- ✦ Flexible interface: RS232 or USB (GSM/GPRS as optional)
- ✦ External printer can be connected via COM interface
- ✦ Lower power consume: power down function
- ✦ Powered by high capacity rechargeable Li-battery or USB port
- ✦ SDK includes robust API functions and IDE tools, easy for customer's further development
- ✦ High security by using two SAM slots
- ✦ Data transmitting via wireless

## Order code

CV70X0(C)-X



Interface  
 2 - RS232  
 U - USB  
 G - GSM/GPRS  
 C - ISO7816  
 Technology  
 01 - ISO15693, ISO14443A/B  
 02 - ISO14443A/B  
 06 - ISO14443A MIFARE®

## Product Images



CV70X0(C)-X  
 190\*81\*29mm

## Specifications

Module	CV7010-X	CV7020-X	CV7060-X	CV7010C-X	CV7020C-X	CV7060C-X	CV7000C-X
Technology	Contactless			Contact + Contactless			Contact
	ISO14443A/B, ISO15693, Multitag	ISO14443A/B	ISO14443A MIFARE®	ISO14443A/B, ISO15693, Multitag + ISO7816	ISO14443A/B + ISO7816	ISO14443A MIFARE® + ISO7816	SAM card, ISO7816
SAM Slot	Two small SAM slots			One big SAM slot, one small SAM slot			
Display	Graphic model LCD with backlight						
Keyboard	18 keys						
Interface	RS232, USB						
Memory	512K SRAM, 2M byte flash memory(expandable up to 8M)						
Time Function	With real clock						
Power Supply	Li-battery powered(>1100mAH, stand-by time: 5-7days), USB-powered						
Temperature	-20°C ~ +60°C / -4°F ~ +140°F						
Accessory	Roping, Data Cable						
Housing	ABS, industrial class						
Wireless Transmission	<p>With GPRS/GSM module, CV70X0(C)-X can send email and SMS wirelessly</p>						

Specifications are subject to change without notice.

## Software Development Kit

**CV70X0(C)-X-DK**

Roping	1pc
Data Cable	1pc
CD (Documentation and Software package)	1pc