

**CHERRY**  
**AK-920S-U USB**  
**Smart Card Reader**



# CHERRY AK-920S-U USB Smart Card Reader User Manual

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## CHERRY AK-920S-U USB Smart Card Reader



## Specifications

- Keyboard Compatibility
- Temperature Range
- **Supply Voltage:** 5V +/-10% through USB
- **Current Consumption:** Ca. 50mA (USB: Low Power Device)
- **Dimensions:** Appr. 80mm x 50mm x 60mm
- **Weight:** Appr. 0,35kg (without packaging)
- **Interface:** USB 2.0 (12Mbit/S)
- **System-Interface:** PC/SC, CCID
- Smart Cards, Protocols
- Data Transfer Rates

## Product Usage Instructions

1. **Connection:** Plug the USB Smart Card Reader into an available USB port on your PC or laptop.
2. **Installation:** Allow your operating system to automatically install the necessary drivers for the smart card reader.
3. **Smart Card Insertion:** Insert your smart card into the reader with the chip facing down and towards the device.
4. **Data Transfer:** Once the smart card is detected, you can transfer data securely between the card and your system.
5. **Removal:** Safely remove the smart card from the reader when done to prevent data loss or corruption.

## TROUBLESHOOTING

### No Function/Error:

If the device is not functioning properly, follow these steps:

1. Replug the device into the USB port.
2. Restart your computer.

**If the issue persists or there are other defects, please contact us with the following information:**

- Article and serial number of the product
- Name and producer of your PC/notebook or motherboard
- Operating system and installed version of the service pack

The AK-920S-U smart card reader is the ideal solution for integrating SCR products into existing systems. It is particularly suitable for use in the industry and in the office.

## Technical Data

### Keyboard

- Compatibility CCID, Windows, MAC OSX, Solaris

- Temperature Range Storage: -20°C to +60°C Operation: -0°C to +50°C
- Supply Voltage 5V +/-10% through USB
- Current Consumption Ca. 50mA (USB: Low Power Device)
- Dimensions Appr. 80mm x 50mm x 60mm
- Weight Appr. 0,35kg (without packaging)
- Interface USB 2.0 (12Mbit/S)
- System-Interface PC/SC, CCID
- Smart Cards, Protocols Class A, B, C. ISO 7816 – 1, 2, 3, 4. T=0, T=1
- Data Transfer Rates Reader to Smart Card up to 826 KBit/S
- Agency Approvals CE, RoHS,

### FAQ/Errors

No Function Please replug the device and restart the computer

If the product has other defects, please contact us.

### Please hold this information ready when you contact us:

- Article and serial number of the product
- Name and producer of your PC/notebook or motherboard
- Operating system and if installed version of the service pack

The product complies with the Directive EMC 2014/30/EU. The full text of the EU declaration of Conformity is available at the following internet address: <http://www.cherry.de/compliance>

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### Documents / Resources



**[CHERRY AK-920S-U USB Smart Card Reader](#)** [pdf] User Manual  
AK-920S-U USB Smart Card Reader, AK-920S-U, USB Smart Card Reader, Smart Card Reader  
, Card Reader

### References

- [User Manual](#)

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