



**WAC RESEARCH CO.,LTD.**

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# WACR20S-S Smart Card Reader

WACR20S-S is a smart card reader & writer that is compact size, support vary kinds of memory card and microcontroller card protocol T=0/ T=1

WACR20S-S can put in the computer case as same as drive A:

### Standard Features for WACR20S-S Reader Series :

- RS-232 Interface
- Drive A: Casing
- Built in SAM
- ISO 7816-1/2/3 and PC/SC Compliant
- Read & write microcontroller cards protocol T=0/ T=1
- Read & write most of memery card in a market
  - Siemens : SLE4406, SLE4404, SLE4418, SLE4428, SLE4442, SLE5536(Eurochip II), SLE4436 (Eurochip)
  - Atmel : AT88SC06, AT24C01-16, AT88SC101, AT88SC102, AT88SC1604
  - STMicroeletronics : ST1305,ST14C02C, ST14C04C, ST1333(T2G cards), ST135
  - Xicor : X76F041, X24645, X76F128, X76F640, X76F100
  - Microchip : XIIC, 24C65, 24C01SC, 24C02SC



Note : Chip list as above may be call in a different name depend on each smart card manufacturer, The smart card which support with WACR20S such as :

- Gemplus : GPM103, GPM416, GPM896,GFM1K-8K,GPM2K, GPM8K
- Schlumberger : Primeflex Store Member 208/1K, Store 2K, 8K, Entry, Open 2K/4K
- Interface library for software developer
  - 32 Bit DLL files for Windows 95,98, Me, NT, 2000 and XP
  - PC/SC compliant IFD handler
- Compatible with most of OS : Windows 95, 98, Me, NT and 2000 and XP
- Made in Thailand.

### Technical Specification

|                          |                                     |
|--------------------------|-------------------------------------|
| Interface                | RS-232 (Serial)                     |
| Supply Voltage           | Regulated 5V DC                     |
| Supply Current           | <100mA (without smart card)         |
| Operating Temperature    | 0 – 50 C                            |
| CLK Frequency            | 3.68 MHz                            |
| Standards                | ISO 7816-1/2/3, PC/SC               |
| Operating System Support | Windows 95, 98, Me, NT, 2000 and XP |

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## Smart Card Reader



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