

# C294-1

## OTG Smart Card Reader



## Specification

### Physical Characteristics

Dimensions .....	45 mm (L) x 60 mm (W) X 10 mm(H)
Weight.....	32 g
Color .....	Black

### USB Host Interface

Protocol.....	USB CCID
Connector Type.....	USB Type C
Power Source.....	From USB port
Speed.....	USB Full Speed (12 Mbps)
Supply Voltage.....	5 V

### Contact Smart Card Interface

Number of Slots .....	1 Full-sized Card Slot
Standard .....	ISO 7816 Parts 1-4, Class A, B, C (5 V, 3 V, 1.8 V)
Protocol.....	T=0; T=1; Memory Card Support
Supply Current .....	Max. 50 mA
Smart Card Read/Write Speed.....	420 Kbps
Clock Frequency .....	Up to 4 MHz
Card Connector Type.....	Contact
Card Insertion Cycles.....	Min. 100,000

### Built-in Peripheral

LED.....	Duo Color
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### Application Programming Interface

PC-linked Mode.....	PC/SC
.....	CT-API (through wrapper on top of PC/SC)

## Operating Conditions

Temperature ..... 0 °C – 60 °C  
Humidity ..... Max. 90% (non-condensing)  
MTBF ..... 500,000 hrs

## Certifications/Compliance

CE/ FCC/RoHS/ Microsoft WHQL (Windows 2000/ XP/ Vista/ 7), Microsoft PC/SC, EMV2000 Level 1

## Device Driver Operating System Support

Windows<sup>®</sup> 98 / ME, 200 / XP (32bit), 2003 Server  
Windows<sup>®</sup> CE 5.0 (depending on hardware)  
Windows<sup>®</sup> Vista (32bit / 64bit)  
Linux<sup>®</sup> , Android<sup>®</sup>

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