

Smart Card Reader ACR39U-U1

General

The ACR39U-U1 hails new and modern technology in the world of smart card readers. It is a compact and stylish smart card reader that brings together sophisticated technology with modern design to meet rigorous requirements in various smart card-based applications.

Features

- USB 2.0 Full Speed Interface
- USB Type C Connector
- Plug and Play – CCID support brings utmost mobility
- Smart Card Reader:
 - Supports ISO 7816 Class A, B, and C (5 V, 3 V, 1.8 V) cards
 - Supports CAC
 - Supports SIPRNET Card
 - Supports J-LIS Card
 - Supports microprocessor cards with T=0 or T=1 protocol
 - Supports memory cards
 - Supports PPS (Protocol and Parameters Selection)
- Features Short-Circuit Protection
- Application Programming Interface:
 - Supports PC/SC
 - Supports CT-API CT-API (through wrapper on top of PC/SC)
 - Supports Android™ 3.1 and later

Specification

Dimensions	72.2 mm (L) × 69.0 mm (W) × 14.5 mm (H)
Weight	60g
Color	Black (Matte)
Protocol	USB CCID
Connector Type	Standard Type A
Power Source	From USB port
Speed	USB Full Speed (12 Mbps)
Supply Voltage	5 V
Cable Length	1.5 m (Fixed)
Number of Slot	1 Full-sized Card Slot
Standard	ISO 7816 Parts 1-3, Class A, B, C (5 V, 3 V, 1.8 V)

Protocol	T=0; T=1; Memory Card Support
Supply Current	Max. 50mA
Smart Card Read/Write Speed	9.6 Kbps – 600 Kbps
Short Circuit Protection	(+5) V/GND on all pins
Clock Frequency	4.8 MHz
Card Connector Type	Contact
Card Insertion Cycles	Min.100,000
LED	Green
PC-linked Mode	PC/SC CT-API (through wrapper on top of PC/SC)
Temperature	0 °C – 60 °C
Humidity	Max. 90% (non-condensing)
MTBF	500,000 hrs
Certifications/Compliance	EN 60950/IEC 60950, ISO 7816, USB Full Speed, EMV™ Level 1 (Contact), PC/SC, CCID, CE, FCC, WEEE, RoHS 2, REACH TAA (USA), J-LIS (Japan), VCCI (Japan), PBOC (China), Microsoft® WHQL
Device Driver Operating System Support	Windows® XP, Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10 Windows® Server 2003, Windows® Server 2008, Windows® Server 2008 R2, Windows® Server 2012, Windows® Server 2012 R2, Windows® Server 2016 LINUX/MAC/ANDROID

Picture

