ACR1281U-C8

Contactless Reader/Writer

Specification

Physical Characteristics	
Dimensions	120.5 mm (L) x 72.0 mm (W) x 20.4 mm (H)
Weight	150 g
Color	Black

USB Host Interface	
Protocol	USB CCID
Connector Type	Standard Type A
Power Source	From USB port
Speed	USB Full Speed (12 Mbps)
Supply Voltage	5 V
Supply Current	Max. 200 mA
Cable Length	2.0 m, Fixed

Contactless Smart Card Interface	
Standard	ISO 14443 A and B
Protocol	Mifare® Classic protocols, Mifare® DESFire protocols, Mifare Mini protocols
Smart Card Read/Write Speed	106 kbps

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)

Certifications/Compliance

CE, FCC, RoHS

Device Driver Operating System Support

Windows® 98, ME, NT (Serial), 2000, XP, Vista, 7, 10, Server 2003, Server 2003 R2, Server 2008, Server 2008 R2, Linux

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