

HYPERSC™

SMART CARD READER

HYSR-R301-C25 DATASHEET

OVERVIEW

- Built-in protection against short circuiting and over-voltage
- User ID management features available
- Firmware encryption mechanism to prevent reverse analysis
- Built-in support for multiple smart card interfaces
- Customizations for logo and branding available
- 255 bytes of flash memory available for private data



Dimensions (cm): 7.4 x 5.6 x 0.1

Weight (g): 46

OPERATING INFO

Supported OS

- Windows XP/Vista/7/8/8.1/10 x64/x86
- Windows Server 2003/2008 x64/x86
- Linux x64/x86
- Mac OS X
- Solaris
- Android 4.0+ (OTG)

Storage Temp

- -20-85°C

Operating Temp

- 0-60°C

Hardware Interface

- USB 2.0 (12 mpbs)

Supply Voltage

- USB port 3-5V DC

Working Current

- <= 12 mA without card inserted
- < 50 mA with card inserted

SPECIFICATIONS

PHYSICAL PARAMETERS

Supported Cards

- ISO/IEC 7816
- T=0 and T=1 protocol
- Class A, B, and C cards

Card Operating Info

- Card clock frequency: 5-12 MHz
- Card read/write speed: 13440-625 kbps
- Card slot: ISO 7816-3 standard slot

Connector Cable

- 59.1 in. (150 cm)

Status Indicators

- Blue and red LED

Meantime Between Failure (MTBF)

- 500,000 hours

STANDARDS

Certifications

- ISO 9001
- ISO 14001
- ICP-Brasil
- Microsoft WHQL
- EN 60950/IEC 60950
- EMV 2000 Level 1
- CE
- FCC
- RoHS

CUSTOMIZATION

- Custom logo options
- OEM firmware options