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A8 Super Slim Desktop Contactless Reader which uses wide range contactless smart card technology, the major usage is PC personal logon or some credentials applications.

USB & RS232 interface for PC and non PC based platforms.

FEATURES

- USB interface (PL2303 Virtual COM Port)
- RS232 interface
- Power from PC USB Port
- EM, MIFARE, SONY FELICA CSN technology available
- RED / Green / Amber LED visual indicator
- Internal buzzer
- Output Card Serial Number to PC COM Port after swipe card
- Custom made reader firmare (optional)
- Reader firmware upgrable

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CARD TECHNOLOGY

Model Number	Card Technology	ISO standard	Transmit Frequency
3813	EM	NA	125KHz
3814	MIFARE	ISO14443A	13.56MHz
3815	SONY FELICA CSN	NA	13.56MHz

SPECIFICATION

A8 Super Slim Desktop Contactless Smart Card Reader	
Typical Read Range	ISO Card : 6cm ; 5cm ; 4cm Keyfob : 3cm ; 3cm ; 2cm
Output Card Number	40 bits card serial number ; 32 bits card serial number ; 64 bits card serial number
Communication	USB (VCP) ; RS232 ; USB (VCP) + RS232. 9600, 8, 1, N
Reader Data Output	0x AA B1 ... Bn CS BB ; AA : BOF B1 to Bn : card serial number from byte 1 to byte n CS : B1 xor ... xor Bn BB : EOF
Reader Firmware	USB "Y" cable. USB Female connector for RS232 and firmware upgrade. Cable length 1.5 meter
Visual Indicator	RED / GREEN / AMBER LED
Audio Indicator	Internal buzzer
Color	Dark Gray
Dimension	90mm x 60mm x 11mm
Product Weight	185g for reader and cable
Operating Voltage Range	5VDCfrom PC USB port
Current Requirements	70mA AVG, 100mA PEAK
Operating Temperature	-31º to 150º F (-35º to 65º C)
Storage Temperature	-67º to 185º F (-55º to 85º C)
Operating Humidity	5% to 95% relative humidity non-condensing
Housing Material	Polycarbonate

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