

# OMNIKEY® 5321 CL USB Reader



## CONTACTLESS USB SMART CARD READER

- **Versatile Applications** – Ideal for end-user environments with different contactless smart card technologies and tags in use
- **Fast Contactless Transmission** – Supports contactless smart cards up to 848 Kbps in fastest ISO 14443 A/B
- **Designed for User Convenience** – Housing design is optimized for advanced contactless applications
- **Readily compliant** – Supports HID® iCLASS® and MIFARE® as well as ISO 14443A/B and ISO 15693

Housed in a robust closed housing with a convenient card retainer, the OMNIKEY® 5321 CL represents the ideal reader for contactless technology applications. Featuring a PC-linked reader that reads/writes to 13.56 MHz contactless smart cards in all three HF standards, the OMNIKEY 5321 CL economically supports end-user environments where a variety of contactless cards and tags are used.

- Supports three ISO standards for contactless cards (ISO 14443 A/B and 15693) and Microsoft WHQL
- Reader supports contactless smart cards with up to 848 Kbps in the fastest ISO 14443 transmission mode
- Standard application interfaces include PC/SC, Synchronous-API (on top of PC/SC), OCF (Open Card Framework) or CT-API

For actual driver downloads please visit [hidglobal.com/omnikey](http://hidglobal.com/omnikey)

**CONTACTLESS TECHNOLOGIES SUPPORTED:**

- HID: iCLASS®
- NXP: MIFARE®, DESFire®, SMART-MX and ICODE
- Texas Instruments: TagIT®
- ST Micro: x-ident, SR 176, SR 1X 4K
- Infineon: My-d (in secure mode UID only)
- Atmel: AT088RF020
- KSW MicroTech: KSW TempSens
- iCODE SLI, iCODE SL2 & LRI 64
- Contactless 2048 bit key generation in RSA mode (JCOP / SMART-MX)

**SPECIFICATIONS**


<b>Model Name</b>	OMNIKEY® 5321
<b>Dimensions</b>	3.78" x 3.07" x .031" (115 x 96.5 x 25.5 mm)
<b>Weight</b>	Approx. 5.64 oz / 160 g
<b>Power Supply</b>	Bus powered
<b>Operating Temperature</b>	32°-131° F (0° - 55° C)
<b>Operating Humidity</b>	10-90% rH
<b>HOST INTERFACE</b>	
<b>Host Interface</b>	USB 2.0 (also compliant with USB 1.1)
<b>Transmission Speed</b>	12 Mbps (USB 2.0 full speed)
<b>CONTACTLESS SMART CARD INTERFACE</b>	
<b>Protocols</b>	T=CL, MIFARE®, iCLASS® / ISO 14443 A with 848 Kbps transmission rate (depending on card) / ISO 14443 B with 848 Kbps transmission rate (depending on card) / ISO 15693 with 26 Kbps transmission rate (depending on card)
<b>Supported APIs</b>	PC/SC driver (ready for 2.01), Synchronous API (on top of PC/SC)
<b>PC/SC Driver Support</b>	Windows® XP / Vista / Windows 7 / Windows 8, 2003 / 2008 Server, Windows® CE 5.0 / CE.NET / CE 6.0 (depending on hardware), Linux® and Mac® OS X
<b>Status Indicator</b>	Dual color LED (green=ready, red=busy)
<b>Reader Board</b>	Also available as PCB
<b>Color</b>	Dark grey
<b>Options</b>	Customer Specific Logo: Available upon request
<b>Composition</b>	ABS
<b>Connector Cable</b>	70.9" (180 cm)
<b>Meantime Between Failure (MTBF)</b>	500,000 hours
<b>Compliance/Certification</b>	Microsoft® WHQL <sup>1</sup> , USB 2.0 (USB 1.1 compatible), GSA FIPS 201 approved product list (in preparation)
<b>Safety/Environmental</b>	CE, FCC, UL, RoHS, WEEE
<b>Warranty</b>	Two year manufacturer's warranty. (For drivers, see complete lifetime support policy.)

<sup>1</sup> = Windows® Hardware Quality Lab



North America: +1 949 732 2000  
 Toll Free: 1 800 237 7769  
 Europe, Middle East, Africa: +44 1440 714 850  
 Asia Pacific: +852 3160 9800  
 Latin America: +52 55 5081 1650

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