

OMNIKEY® Product Selection Guide

	OK3021	OK3121	OK6121	OK5022	OK5023	OK5025	OK5027	OK5422	OK5427
Product Reference	R30210315-1	R31210320-01 R31210349-1 (TAA)	R61210320-2	R50220318-DB R50220318-GR	R50230318-DB	R50250001-GR	R5027000-1	R54220301	R54270101 R54270111 (+Mobile Access)
Product Description	Contact Smart Card Reader for Mass Deployment	Contact Smart Card Reader for One-Hand Desktop Operation	SIM-size Contact Smart Card Reader	Contactless High Frequency Smart Card Reader	Contactless High Frequency Smart Card Reader	Contactless Low Frequency Smart Card Reader	Contactless High Frequency Keyboard Emulation Smart Card Reader	Dual-Interface Smart Card Reader	Dual Frequency Keyboard Emulation Smart Card Reader
USE CASES									
Authentication to Desktop Computer	✓	✓	✓	✓	✓	✓	✓	✓	✓
Authentication to Thin- or Zero-Client	✓	✓	✓	✓	✓	✓	✓	✓	✓
Application Log-in (web, e-mail, VPN)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pre-Boot authentication and disc encryption	x	✓	✓	x	x	✓	x	x	x
Convergence PACS and LACS	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Crescendo®	✓	✓	✓	✓	✓	x	x	✓	x
- Seos®	x	x	x	x	✓	x	✓	x	✓
PC authentication with mobile phone	x	x	x	✓ ⁽¹⁾	✓ ⁽¹⁾	x	x	✓ ⁽¹⁾	✓ ⁽¹⁾
Single-Sign On Healthcare	x	✓	x	✓	✓	✓	✓	✓	✓
CARD INTERFACE									
Contact	ID-1	ID-1	ID-000	x	x	x	x	ID-1	x
Contactless High Frequency	x	x	x	✓	✓	x	✓	✓	✓
Contactless Low Frequency	x	x	x	x	x	✓	x	x	✓
CREDENTIAL SUPPORT									
HID iCLASS®	x	x	x	✓	✓	x	✓	✓	✓
HID iCLASS® Seos®	x	x	x	x	✓	x	✓	x	✓
HID Prox 125 kHz	x	x	x	x	x	✓	x	x	✓
HID Indala 125 kHz	x	x	x	x	x	x	x	x	✓
SE credentials (iCLASS SE/Elite, MIFARE SE, DESFire EV1 SE...)	x	x	x	x	✓	x	✓	x	✓
MIFARE® Classic / Ultralight / DESFire EV1...	x	x	x	✓	✓	x	✓	✓	✓
NFC Tags Reader/Writer mode ³	x	x	x	✓ ⁽⁵⁾	✓ ⁽⁵⁾	x	✓	✓ ⁽⁴⁾	✓ ⁽⁴⁾
STANDARDS									
ISO 7816 (contact cards)	✓	✓	✓	x	x	x	x	✓	x
ISO 14443 A/B (proximity cards)	x	x	x	✓	✓	x	✓	✓	✓
ISO 15693 (vicinity cards)	x	x	x	✓	✓	x	✓	✓	✓
INTERFACE									
Native CCID driver from operating system	✓	✓	✓	✓	✓	✓	x	✓	✓
Keyboard Wedge Emulation	x	x	x	x	x	x	✓	x	✓
OPERATING SYSTEMS									
Windows 7 / 8 / 10 / Server	✓	✓	✓	✓	✓	✓	✓	✓	✓
Linux, Mac	✓	✓	✓	✓	✓	✓	✓	✓	✓
Android	✓	✓	✓	✓ ⁽⁶⁾	✓	✓ ⁽⁶⁾	✓	x	x
MISCELLANEOUS									
Can read PACS bit parsing	x	x	x	x	x	x	✓	x	✓

⁽¹⁾ e.g. Mifare emulation
⁽²⁾ Software needed for NDEF format / not provided by HID
⁽³⁾ Tag 1,2 and 4 only
⁽⁴⁾ New Android Driver available end Q2/2016

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2021-09-01-eat-omnikey-product-cc-en
 PLT-02849

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