OMNIKEY®
Product Selection Guide

HID®

	OK3021	OK3121	OK6121	OK5022	OK5025	OK5027	OK5422	OK5427
Product Reference	R30210315-1	R31210320-01 R31210349-1 (TAA)	R61210320-2	R50220318-DB R50220318-GR	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 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	✗	✓	✓	✗	✓	✗	✗	✗
Convergence PACS and LACS	✓	✓	✓	✓	✓	✓	✓	✓
- Crescendo®	✓	✓	✓	✓	✗	✗	✓	✗
- Seos®	✗	✗	✗	✗	✗	✓	✗	✓
PC authentication with mobile phone	✗	✗	✗	✓(1)	✗	✗	✓(1)	✓(1)
Single-Sign On Healthcare	✗	✓	✗	✓	✓	✓	✓	✓
Card Interface								
Contact	ID-1	ID-1	ID-000	✗	✗	✗	ID-1	✗
Contactless High Frequency	✗	✗	✗	✓	✗	✓	✓	✓
Contactless Low Frequency	✗	✗	✗	✗	✓	✗	✗	✓
Credential Support								
HID iCLASS®	✗	✗	✗	✓	✗	✓	✓	✓
HID iCLASS® Seos®	✗	✗	✗	✗	✗	✓	✓	✓
HID Prox 125 kHz	✗	✗	✗	✗	✓	✗	✗	✓
HID Indala 125 kHz	✗	✗	✗	✗	✗	✗	✗	✓
SE credentials (iCLASS SE/Elite, MIFARE SE, DESFire EV1 SE…)	✗	✗	✗	✗	✗	✓	✗	✓
MIFARE® Classic / Ultralight /DESFire EV1…	✗	✗	✗	✓	✗	✓	✓	✓
NFC Tags Reader/Writer mode[3]	✗	✗	✗	✓(5)	✗	✓	✓(4)	✓(4)
Standards								
ISO 7816 (contact cards)	✓	✓	✓	✗	✗	✗	✓	✗
ISO 14443 A/B (proximity cards)	✗	✗	✗	✓	✗	✓	✓	✓
ISO 15693 (vicinity cards)	✗	✗	✗	✓	✗	✓	✓	✓
Interface								
native CCID driver from operating system	✓	✓	✓	✓	✓	✗	✓	✓
Keyboard Wedge Emulation	✗	✗	✗	✗	✗	✓	✗	✓
Operating Systems								
Windows 7 / 8 / 10 / Server	✓	✓	✓	✓	✓	✓	✓	✓
Linux, Mac	✓	✓	✓	✓	✓	✓	✓	✓
Android	✓	✓	✓	✓(6)	✓(6)	✓	✗	✗
Miscellanous								
Can read PACS bit parsing	✗	✗	✗	✗	✗	✓	✗	✓

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

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