## **OMNIKEY®** Contactless Reader







## OMNIKEY® 5125 USB Prox

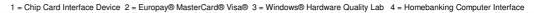
ASSA ABLOY Identification Technologies (ITG), with its product brand OMNIKEY® one of the world's leading manufacturers of innovative smart card readers, has developed a practical and affordable PC-linked desktop reader that works with your existing HID® proximity cards. The reader reads/writes also to virtually any contact based smart card, thus allowing to implement new applications including log-on to Windows®, networks, and websites without rebadging!

## Main features:

- Reads unique number from HID® Proximity Cards
- 26-bit format up to Corporate 1000 format support
- Contact unit based on OMNIKEY® 3121
- Heavy standing base for vertical and horizontal card insertion
- Shipped with support for adhesion (e.g. to PC monitor)

Host Interface		
Host Interface	USB 2.0 CCID 1	
Host interface	000 000	
	(also supports USB 1.1)	
Transmission speed	12 Mbps (USB 2.0 full speed)	
Power supply	Bus powered	
Smart Card Interface		
Standards	ISO 7816 &	
	EMV <sup>2</sup> 2000 Level 1	
Protocols	T=0, T=1,	
	2-wire: SLE 4432/42 (S=10),	
	3-wire: SLE 4418/28 (S=9),	
	I <sup>2</sup> C (S=8)	
Card size	ID-1 (full-size)	
Smart Card interface speed	420 Kbps (when supported by	
·	card)	
Smart Card clock frequency	Up to 8 MHz	
Supported card types	5V, 3V and 1.8V Smart Cards	
	ISO 7816 Class A, AB and C	
Power to Smart Card	60 mA	
Smart Card detection	Movement detection with auto	
Omari Gara detection	power-off /	
	Autom. Detection of smart	
	card type /	
	Short circuit and thermal	
	protection	
O Die Hendline	1	
8 Pin Handling	C4 / C8 supported	
Contactless (RFID) Smart Card Interface		
125 kHz Prox by HID®		
Options		
Customer specific logo or label	On request	
Customer specific colors	On request	
Jumbo standing base (vertical and	On request	
horizontal card insertion)	(approx. 435 gr / 15.34 oz)	
Other Features		
Status indicator	Two LED (green=ready,	
	red=busy)	
Standard mounting options with	Includes adhesive attachment	
heavy standing base	pad and vertical mounting	
	option	
Reader Board	Also available as PCB	

Supported APIs		
PC/SC driver		
CT-API (on top of PC/SC, for contact interface)		
OCF (on top of PC/SC, for contact interface)		
Synchronous API (on top of PC/SC, for contact interface)		
PC/SC Driver Support		
Windows® 98 / ME, 2000 / XP (32bit), 2003 Server		
Windows® CE 5.0 / CE.NET (depending on hardware)		
Windows® XP 64bit (AMD64, EM64T, IA64)		
Windows® Vista (32bit / 64bit)		
Linux®		
Mac® OS X		
Hardware Specifications		
Color	Dark grey	
Dimensions (LxWxH)	80 x 67 x 28mm	
	3.15" x 2.64" x .1.1"	
Weight (reader only,	approx. 110 gr / 3.88 oz	
reader with heavy standing base)	approx. 210 gr / 7.4 oz	
Operating temperature	0°-55°C / 32-131°F	
Operating humidity	10-90% rH	
Composition	ABS	
Connector cable	180 cm / 70.9"	
Durability	100.000 Insertions	
Meantime between failure (MTBF)	500.000 hours	
Compliance / Certification	Safety / Environmental	
Microsoft WHQL <sup>3</sup>	CE	
EMV <sup>2</sup> 2000 Level 1	FCC	
ISO 7816	UL	
HBCI <sup>4</sup>	RoHS	
USB 2.0 (USB 1.1 compatible)	WEEE	
CCID (contact interface only)		
GSA Fips201 approved product list		



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