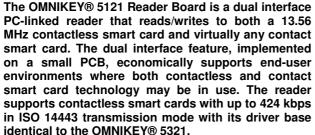
OMNIKEY Embedded Technology





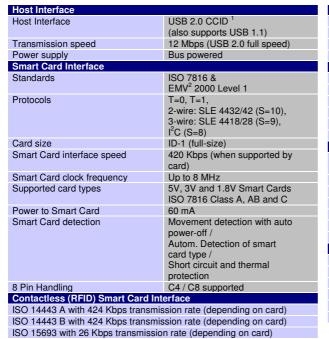


OMNIKEY® 5121 Reader Board USB



Main features:

- Supported cards include Philips MIFARE®, DESFire® and MIFARE ProX® & HID: iCLASS®
- Supports ISO 14443 A&B, ISO 15693 and ISO 7816
- Contact unit based on OMNIKEY® 3121
- Up to 424 Kbps transmission rate
- Mounting bracket available
- Small PCB



Two LED

Supported APIs	
PC/SC driver (ready for 2.01)	
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)	
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 (for contact interface only)	
Hardware Specifications	
Dimensions (LxWxH)	66 x 55 x 11mm
	2.6" x 2.16" x 0.43"
Weight (incl. cable)	Approx 75 gr / 2.65 oz
Operating temperature	0°-55°C / 32-131°F
Operating humidity	10-90% rH
Connector cable	180 cm / 70.9"
Durability	100.000 insertions
Meantime between failure (MTBF)	500.000 hours
Compliance / Certification	Safety / Environmental
Microsoft WHQL ³	CE⁵
EMV ² 2000 Level 1	FCC ⁵
ISO 7816	UL
HBCI⁴	RoHS
USB 2.0 (USB 1.1 compatible)	WEEE
CCID¹ (contact interface only)	
,	













1 = Chip Card Interface Device 2 = Europay® MasterCard® Visa® 3 = Windows® Hardware Quality Lab 4 = Homebanking Computer Interface 5 = In housed readers only

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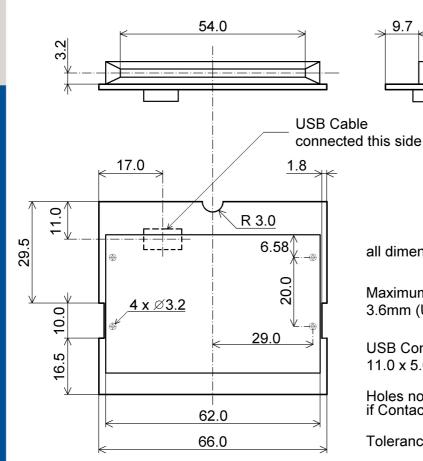
Other Features

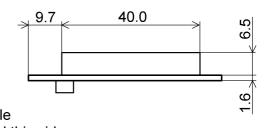
Status indicator Mounting bracket

OMNIKEY Embedded Technology



CardMan® 5121 Reader Board USB Technical Drawing





all dimensions in mm

Maximum component height is 3.6mm (USB connector)

USB Connector Size: 11.0 x 5.0 mm

Holes not available if Contact Card Connector is mounted

Tolerances +/-0.2mm













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