



**IDENTIVE**

# AMix KBD

Multi-ISO Reader with keyboard emulation



- Supports ISO14443 & ISO15693
- Keyboard emulation
- CCID & HID compliant firmware
- Optimized antenna design to support tags on metal / phone sticker tags
- Upgradeable firmware
- USB 2.0



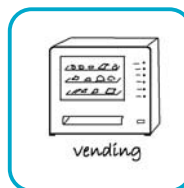
## Typical Applications

- Point of Sale (POS)
- Inventory
- Logistic & supply chain
- Data collection
- Tag initialization / testing

The Identive Multi-ISO Reader USB with keyboard emulation offers a cost-efficient solution for the high frequency (13.56 MHz) standards ISO14443 and ISO15693 in a single device.

In contrast to a traditional PC/SC chipcard reader this device provides a CCID compliant interface with an USB HID (Human Interface Device) keyboard emulation function. This enables it to read the UID (Unique Identifier) respectively the CSN (Chip Serial Number) of any ISO14443 or ISO15693 passive RFID tag and paste it as a string at the cursor position into any host application (browser, e-mail, Word/Excel document or any other customer application).

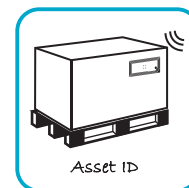
This function is comparable with the one of a commonly used barcode scanner. The device can be used without driver installation with every Windows operating system which provides USB HID device drivers such as Windows 7. Typical applications can be for e.g. Point-of-Sale (POS), inventory, logistic & supply chain, data collection or the testing of tags during the production.



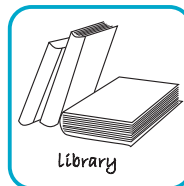
vending



loyalty



Asset ID



library



canteen or vending payment



initialization & testing

## Ordering Information

**AMID2US00-KBD:** Desktop Reader, USB

**AMIM2US00-KBD:** OEM Reader Module, USB



# AMix KBD

## Multi-ISO Reader with keyboard emulation

Parameters		Descriptions	
		Desktop Reader	OEM Module
Interfaces	Host	<ul style="list-style-type: none"> <li>• USB: Full speed 2.0 (12 Mbps)</li> <li>• 1.2m USB cable with type A connector</li> </ul>	<ul style="list-style-type: none"> <li>• USB: Full speed 2.0 (12 Mbps)</li> <li>• Molex PicoBlade 8 pin header</li> </ul>
	Contactless / NFC	<ul style="list-style-type: none"> <li>• Supported standards: ISO14443 A &amp; B, ISO15693</li> <li>• Communication speed: Baud rate up to 848kBaud</li> <li>• Reading distance [cm]: Up to 10 - depending on tags and antenna</li> </ul>	
	Human	<ul style="list-style-type: none"> <li>• Optical: Bi-color LED (green, red)</li> </ul>	
Supported Tags		<ul style="list-style-type: none"> <li>• MIFARE family: Classic 1K / 4K, Ultralight / C, Plus, DESFire and DESFire EV1</li> <li>• Topaz, my-d™, Smart cards ICs</li> <li>• and all other ISO14443A/B &amp; ISO15693 tags</li> </ul>	
Antenna		<ul style="list-style-type: none"> <li>• Integrated</li> </ul>	
Software		<ul style="list-style-type: none"> <li>• USB CCID compliant</li> <li>• HID – Keyboard emulation</li> </ul>	
	Firmware	<ul style="list-style-type: none"> <li>• Infield upgradeable</li> </ul>	
	Special features	<ul style="list-style-type: none"> <li>• Support to configure RF and USB parameters</li> </ul>	
Operating Systems		<ul style="list-style-type: none"> <li>• CCID &amp; HID compliant Windows operating systems</li> </ul>	
Power	Supply [VDC]	<ul style="list-style-type: none"> <li>• USB bus powered</li> </ul>	
	Consumption [mA]	<ul style="list-style-type: none"> <li>• Up to 150mA</li> <li>• Sleep Mode (approx.) 500µA</li> </ul>	
Dimensions	L x W x H [mm]	• 64 x 102 x 13	• 55 x 90 x 7
Weight	[g]	• (approx.) 136	• (approx.) 82
Temperature	Operating [°C]	• -20 to +50	
	Storage [°C]	• -40 to +85	
Approvals	Functional	• CE, USB IF certified	
	Environmental	• RoHS	

Technical data are subject to change without notice.

### Contacts

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