

ubisys 13.56 MHz RFID USB Reader

Versatile reader supporting three USB modes of operation: CCID = smart card reader, HID = keyboard emulation, CDC/ACM = virtual serial port. Features out-of-the box OS support, i.e. no driver installation on Microsoft Windows, Apple MacOS X and Linux – except for CDC/ACM mode, which requires a driver information file on Windows (32- and 64-bit drivers available)

Supports all ISO 14443A and ISO 15693 tags, with ISO 14443B and ISO 18000-3 available upon request

Supported tags include Texas Instruments Tag-It HF-I, NXP i-code SLI, NXP Mifare Ultralight, NXP Mifare DESFire

Extensible and future-proof design: Firmware updates via USB

USB 2.0 full-speed device, bus-powered, 90mA in active mode, 30mA in stand-by. Thus, can be plugged into any USB port, even in passive hub ports, such as those integrated into keyboards

70mW output power, approximately 10cm reading range with typical antenna/tag combinations

CDC/ACM mode designed for industrial applications. Includes support for anti-collision inventory scan (bulk mode) and link quality assessment based on received signal strength indications

HID mode perfectly suited for web applications in heterogeneous IT environments (“cloud”)

CCID mode compatible with many desktop virtualization solutions (including Microsoft and Citrix products)

CCID mode provides full access to all transponder chip commands via transparent data link

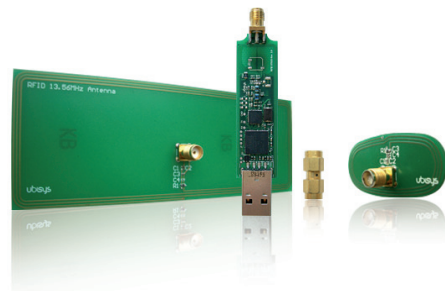
Integrated PCB antenna coil. Optionally, industry-standard 50 Ohm SMA connector for external antenna coils

Customizable OEM design including custom firmware features and application-specific antenna coils available upon request

IP licensing for high-volume, high-density integration possible (with embedded interface options including UART, SPI, and I²C)



RFID USB Stick



OEM- and tailor-made RFID solutions



RFID USB Desktop-Reader



ubisys RFID Control Center