

## CRYPTO



Security & Encryption



- Crypto Raadx is the world first manipulation free security device
- Crypto Raadx is a pocket size multi-standard connectivity devices for secure storage and sharing on-the-go without Computer.
- Crypto Raadx is your ALL IN ONE Mobile Personal Device
- Crypto Raadx has an internal Linux OS that runs independently from host PC
- Crypto Raadx uses it's own battery power supply, display and selection thumbwheel

- OLED Display e USB male connector
- Thumbwheel for browsing and selecting
- USB Host Port
- Advanced Encryption Standards



## Crypto Raadx: the ultimate secure system to protect your data

Crypto Raadx offers maximum security because is totally independent from hosting PC

Unlike most USB encrypted systems, Crypto Raadx does not require any exchange of data from the host PC.

No applications can be downloaded or executed on Crypto Raadx OS.

Crypto Raadx makes possible to transfer crypto files between mobile devices w/o using PC (i.e. from a cell phone to a USB key using embedded USB host and Bluetooth/IrDA)

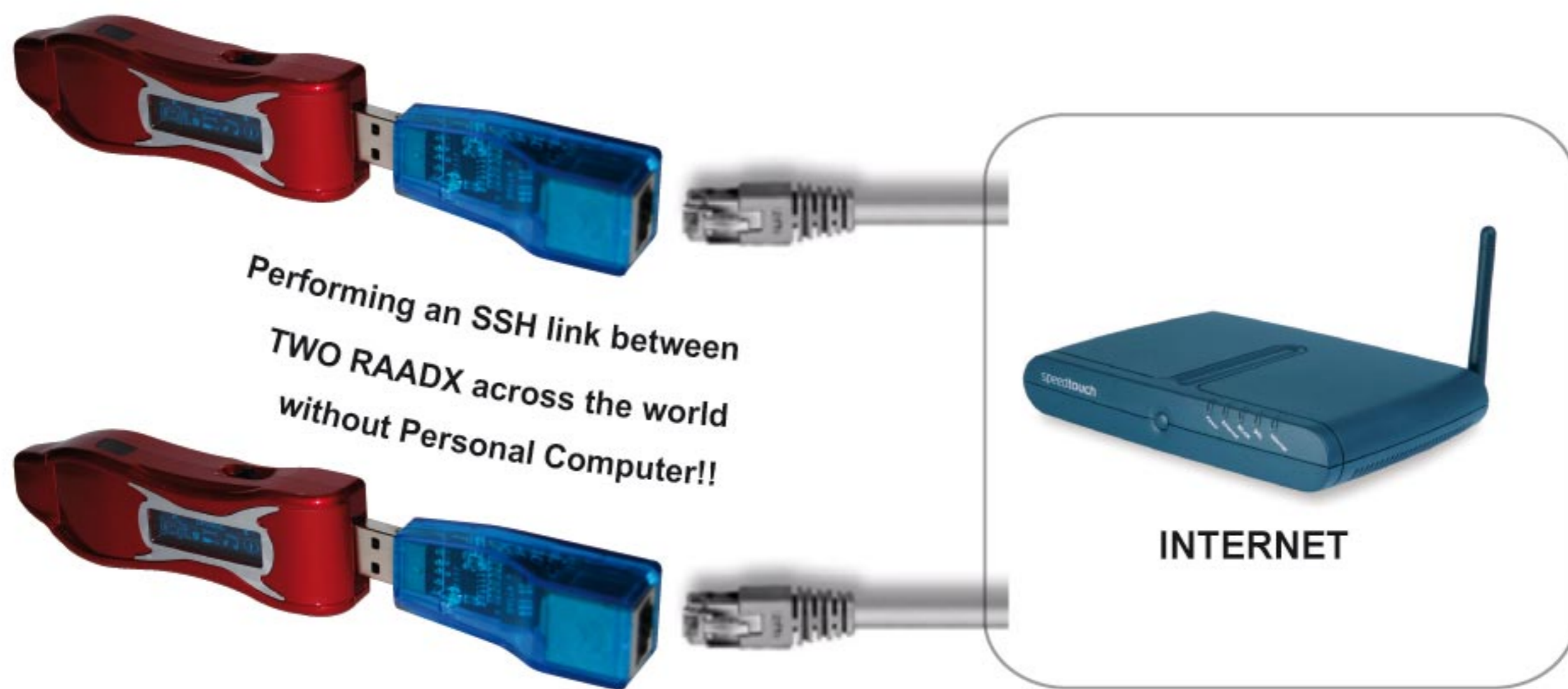


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### Security & Encryption

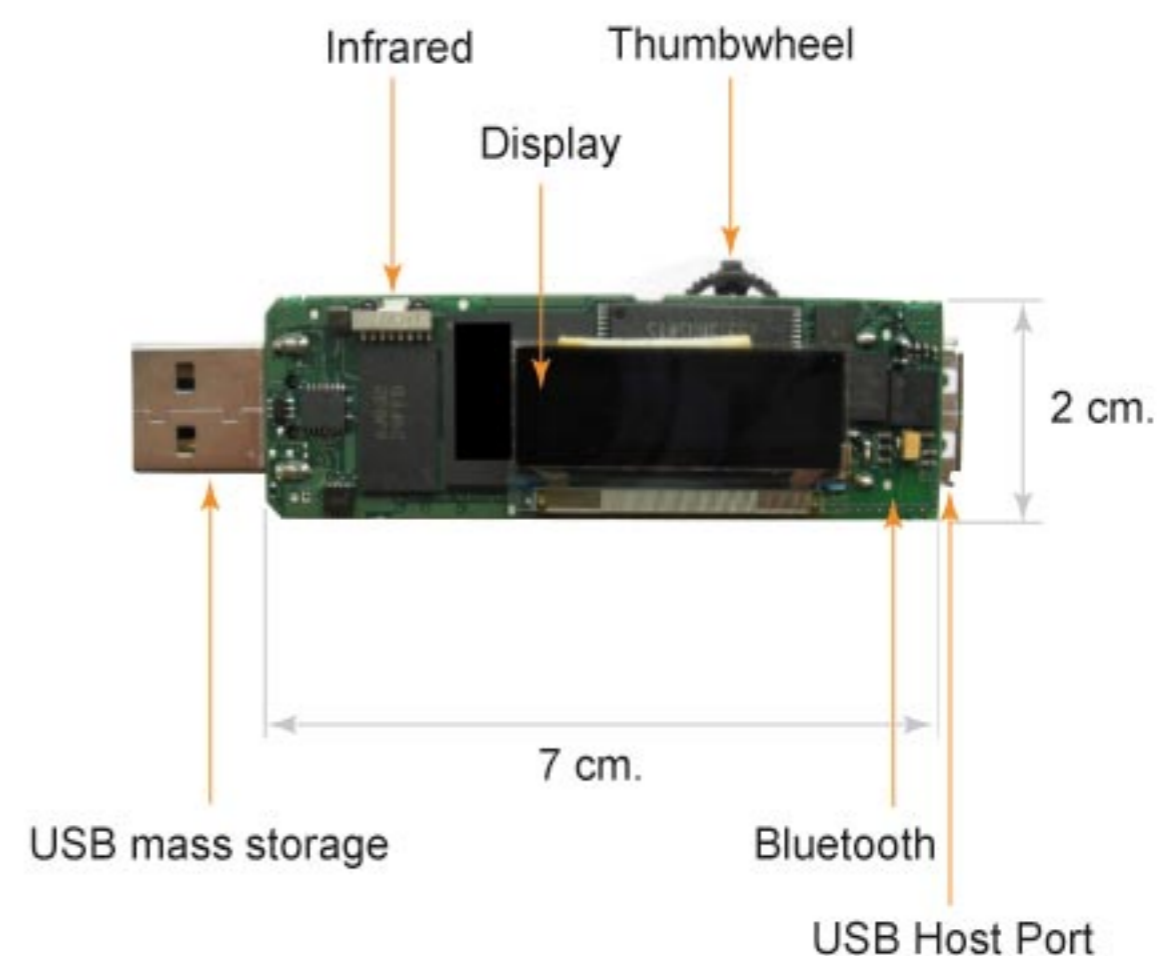
- Memory runs over encrypted file system which is decoded by a Password
- Encryption totally self consistent and NOT dependent from PC
- After three wrong password attempts, system is fully locked and memory itself is totally useless even if removed from Raadx
- Equipped with AES (Advanced Encryption Standard) 256bit application:
  - Encryption of any file transferred on Raadx's memory from an external device (satellite phones, GPS, USB keys, digital camera, PCs)
  - Transfer of encrypted data from two or more Raadx by GSM/GPRS/UMTS e satellite phones via Bluetooth
  - Secure web server through standard USB to Ethernet converter to securely upload and download files from internal memory by using a web portal
  - Voice record, playback and encryption using Bluetooth headset

- Crypto-Raadx – with its display and independent power supply system - can be equipped with RSA secure ID to provide one-time password to be used at each log in.
  - ☞ Keyboard hacking attack is ineffective.
  - ☞ Easy protection of entire management system for every log-in Autonomous single or multiple file/folder encryption (AES-256 bit) is possible without a PC
- Onboard Bluetooth and Infrared capabilities allows file transfer data to all smart phone and palm device to be send by email attachments which have been secured by internal encryption capabilities
- Data exchange between two authorized users without need of a PC via Bluetooth or Infrared. Crypto-Raadx has a USB Host port (female USB) in addition to the standard USB (male).
- Possibility to update the device or transfer data via Ethernet LAN without PC (via Ethernet cable or putting two crypto-Raadx in communication without PC)



### TECHNICAL CHARACTERISTICS

- ☞ 32bit ARM9 Processors, 210MIPS, 190MHz
- ☞ 128Mbx32bit RAM
- ☞ Linux Operating System
- ☞ Integrated Bluetooth
- ☞ Integrated Infrared
- ☞ Two USB 2.0 full speed port (Host and Mass Storage)
- ☞ Flash memory up to 4GB (soon up to 8GB)
- ☞ High brightness OLED (Organic LED) Display



### TYPICAL APPLICATIONS

- Access key to another - or several others - Raadx WITHOUT key sharing or knowledge:
- Authentication key to secure access areas, PCs or military apparatus – i.e., removing Crypto Raadx will lock the apparatus
- Crypto voice recorder
- Autonomous Encryption system to send pictures files, etc via email or via cell phones Secure and mobile web server



CRYPTO  
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