



LCD μ RFID-Terminal

The LCD μ RFID-Terminal is equipped with a **4.3" TFT** and touchscreen. The printed **full glass frontlens** is seamlessly integrated into the housing, covering display and **RFID-reader**.

Hardware basis is an **i.MX28x freescale CPU** on a modular embedded computer system which offers a variety of communication interfaces. **Ethernet, WiFi and USB** port are implemented and available as an option.

The embedded **YOCTO Linux** distribution is ready to run your software implementation. **MIFARE** as the world's most used contactless smart card technology is supported.



Facts

- 4.3" Family-TFT
- i.MX28x CPU with 454MHz
- Up to 512MB RAM
- Up to 512MB NAND Flash
- Up to 64GB μ SD
- 10/100 Ethernet, WiFi, Bluetooth, μ SD, USB, I2C, CAN, UART, SPI, audio inputs/outputs, up to 6 analog inputs and up to 75 GPIOs.
- Embedded Linux distribution (kernel version 4.4) build with YOCTO
- Contactless communication IC MFRC522 supporting ISO/IEC 14443 A/MIFARE and NTAG (Also supports CRYPTO1 encryption)
- Multifunction electronic enclosures
- Customized cover lens with backlighted RFID symbol

