



SMART TERMINAL ID INFO 3000

APPLICATION

- Access Control
- Web-based application

HIGHLIGHTS

- TFT LCD panel 4.3" with integrated resistive Touchscreen
- Integrated RFID Reader
- I/O interface / Output-Relay / Ethernet
- Integrated Buzzer
- Freescale™ i.MX6 Quad core up to 1.2 GHz, 2 GB DDR3L, 8GB eMMC
- Integrated barcode/QR reader in wall/tablemount

SUPPORTED TAGS

- HF (13,56 MHz): NXP MIFARE
- MIFARE Classic EV1 1K / 4K read / write; Ultralight, Desfire EV2, ISO 14443B and ISO / IEC 15693-3-UID only

► DESCRIPTION

ID INFO 3000 was created as a terminal for Access Control and other web-based applications. The system is based on a Processor by Freescale: Quad Core, Advanced 3D Graphics, Advanced Multimedia, ARM® Cortex®-A9 Core at 1 Ghz. The operating system is Linux Kernel.

The terminal is equipped with a 4.3" wide color LCD Display with integrated touchscreen and includes the best of RFID-technology (13,56 MHz, compatible with NFC). Further features are an I/O interface, 4 RGB LEDs for side backlighting, 1 output relay, Ethernet interface and WiFi (optional).

► PRODUCT PICTURES



Vertical wall mounting



Optional base for angled wall mounting

SPECIFICATIONS

| | |
|-----------------------|---|
| Supply voltage | 9...23 VDC POE (Power of Ethernet) Standard 802.3af |
| Current consumption | Average: 500 mA (dependent on configuration / setup) |
| CPU | Freescall i.MX6 Family, based on ARM Cortex-A9 Prozessoren: Quad Core up to 1.2 GHz clock |
| RAM | 1GB DDR3L onboard |
| Flash | 4GB eMMC soldered onboard, expand. with internal MicroSD |
| Operating system | File System Linux - YOCTO - Fido Release 10.1 - 3.14.38 Kernel Linux var-som-mx6 3.14.38-6 |
| Display | <ul style="list-style-type: none"> TFT LCD Panel 4.3" 480x272 px (Active area 95x54 mm) LED Backlight and integrated resistive Touchscreen |
| Networking | <ul style="list-style-type: none"> Ethernet Interface 10/100 Bluetooth 4.0 / BLE |
| Interfaces | <ul style="list-style-type: none"> RS485 galvanically isolated TTL serial + power supply for connecting external devices x Wireless 2.4 GHz JenNet (optional) or other peripheral TTL serial + power supply for connecting external devices 2x USB 2.0 223 TTL from Debug SPI + power supply for connecting external devices x UHF module (optional) or other I2C + power supply for connecting external devices |
| Input / Output | <ul style="list-style-type: none"> 1 Digital Input optoisolate 1 Output (Relay NC NO C) |
| LED signals | 4 RGB LED's for lateral backlighting, controlled separately LEDs on the RFID antenna(s) |
| Audio | <ul style="list-style-type: none"> Amplifier and 1 built-in 2W speaker Alternative stereo audio out (not amplified) Internal connector for microphone Buzzer |
| Clock | Internal RTC with Back-up battery |
| Supported Tags | 13.56MHz (MIFARE Classic EV1 1K / 4K read / write; Ultralight, Desfire EV2, ISO 14443B and ISO / IEC 15693-3 - UID only) <i>The terminal is configured with a reader / writer in central place (Access Control) at 13.56 MHz.</i> |
| Weight | 300 grams |
| Material | PVC |
| Color | Black |
| Operating temperature | 0°C ÷ +70°C |

| VERSIONS AND ACCESSORIES | ORDER CODES |
|---|------------------|
| ID INFO 3000 HF - i.MX6 Quad core (with integrated HF Reader) | R-EA-IN3000-HF |
| Backup battery | R-EA-IN3000-BAT |
| Video Output HDMI (till 1080p) | R-EA-IN3000-HDMI |
| WiFi 802.11 a/b/g/n | R-EA-IN3000-WIFI |
| Base (for angled wall mounting) | R-EA-IN3000-BASE |