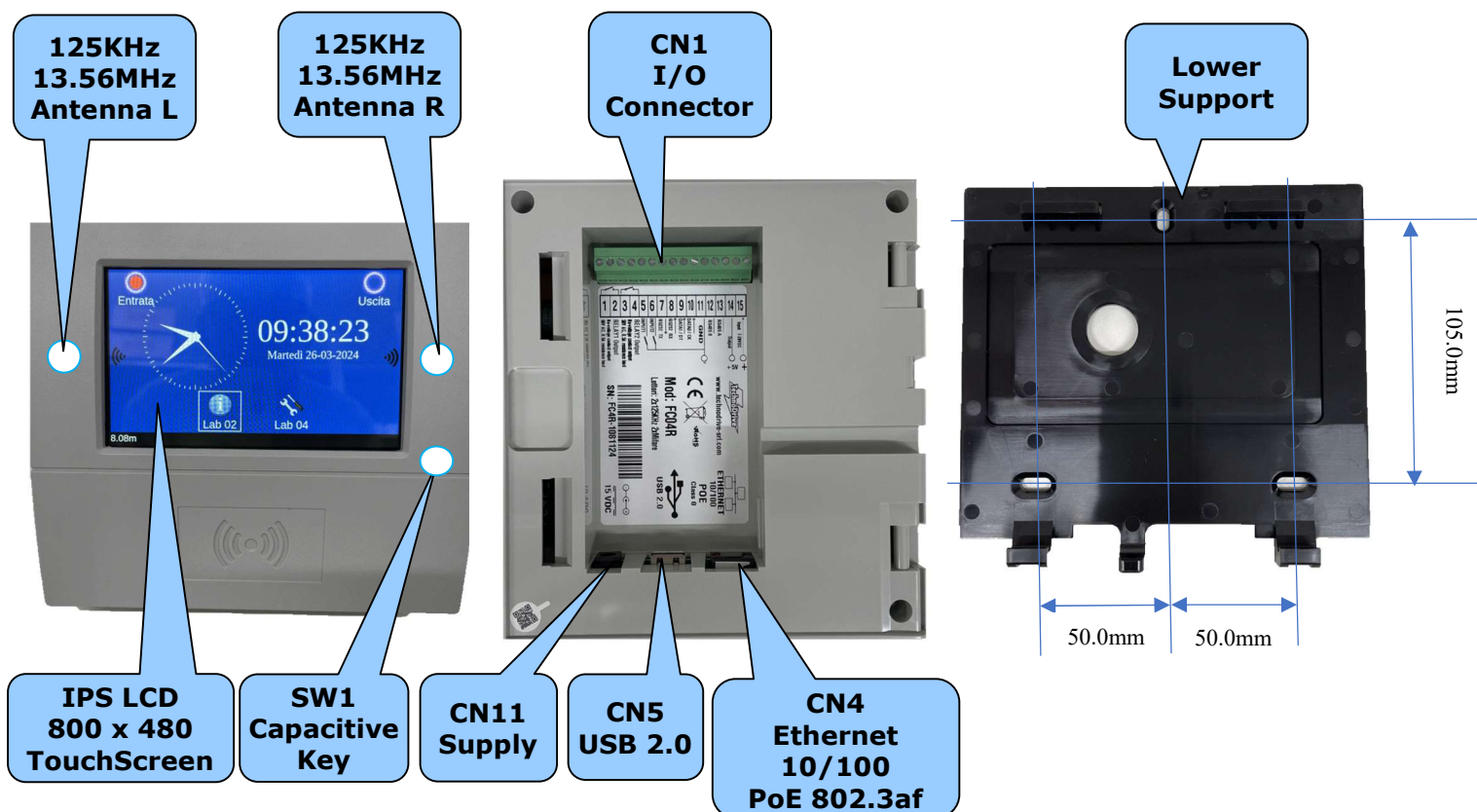


FingerClock-4R

Technical Manual

rel 1.1_2



SW1:

Button RESET switch

- press ~30 second to RESET
- press ~45 second to RECOVERY mode, wait black and white screen, "recovery xx%" appears, release Key, after that press:
"OK=Def" ip=192.168.0.1 TCPport=4660 WEBport=80 ID=01 COM1-RS232=19200,n81
"Up=Loc" ip=conf.#0045 port=conf.#0049 WEBport=conf.#0091 ID=conf.#0001
COM1-RS232=conf.#0002

CN11:

External supply without PoE, PLUG 5.5x2.1mm L=9.5mm , 15Vdc @ 1A

Central "+"

External "-"

CN5:

USB 2.0 HOST (TDBLEWIFI ,TDUMTS4G, printers, scanners, etc.)



Progettazione e Realizzazione Apparecchiature Elettroniche

CN4:

Ethernet 10/100 connector, Auto-MDIX, PoE IEEE 802.3af

RED led Power supply ON

GREEN led Link

CN1:

pin-1	RELAY_1 NO (MAX 1A@32Vdc)
pin-2	RELAY_1 C (MAX 1A@32Vdc)
pin-3	RELAY_2 NO (MAX 1A@32Vdc)
pin-4	RELAY_2 C (MAX 1A@32Vdc)
pin-5	INPUT_1 (close to GND to activate)
pin-6	INPUT_2 (close to GND to activate)
pin-7	RS-232_TxD (COM1 RS-232 TX)
pin-8	RS-232_RxD (COM1 RS-232 RX)
pin-9	ISO2_DATA (5V TTL data)
pin-10	ISO2_CLOCK (5V TTL clock)
pin-11	GND
pin-12	RS-485_ "B" (COM4 RS-485)
pin-13	RS-485_ "A" (COM4 RS-485)
pin-14	+5Vcc OUT (MAX 50mA)
pin-15	+Supply (8..24Vdc) without PoE

Technical characteristics:

- *CPU* Microprocessor Dual Cortex-A7 800MHz
- *RAM* 2x512Mbyte DDR3 533MHz, 32bits data bus
- *FLASH* 8Gbyte FLASH + 128Mbyte SLC FLASH
- *RTC* High precision
- *SERIAL PORTS* 1x RS-485 1x RS-232
- *USB* 2xUSB 2.0 HOST (n.1 Internal , n.1 External)
- *ETHERNET* 1xETHERNET 10/100 with **ISOLATED** PoE IEEE 802.3af
- *OUTPUTS* 2xRELAY 1A@32Vdc MAX (NO,C)
- *INPUTS* 2xINPUT NPN
- *RF-READER* 2x125KHz , 2x13.56MHz
- *SOUND* Monotone Buzzer (polyphonic audio **optional**)
- *SUPPLY* 8..24Vdc max
- *BATTERY* **optional** internal NI-MH 800mAh 9V6
- *POWER* 12W max
- *DISPLAY* IPS 800 x 480 16bits color
- *TOUCH SCREEN* capacitive with 1mm glass
- *DIMENSIONS* (W x H x D) mm 163 x 150 x 60
- *WEIGHT* 600g

TECHNODRIVE Srl -Via E.Ferrari, 7 20010 Arluno (MI) Tel. 02/903.77.887

Sede Legale : Via E.Ferrari, 7 20010 Arluno (MI)

Cod.Fisc. e P IVA 13384950153 R.E.A. n. 1645258 Capitale Sociale 10.000 Euro int. vers.