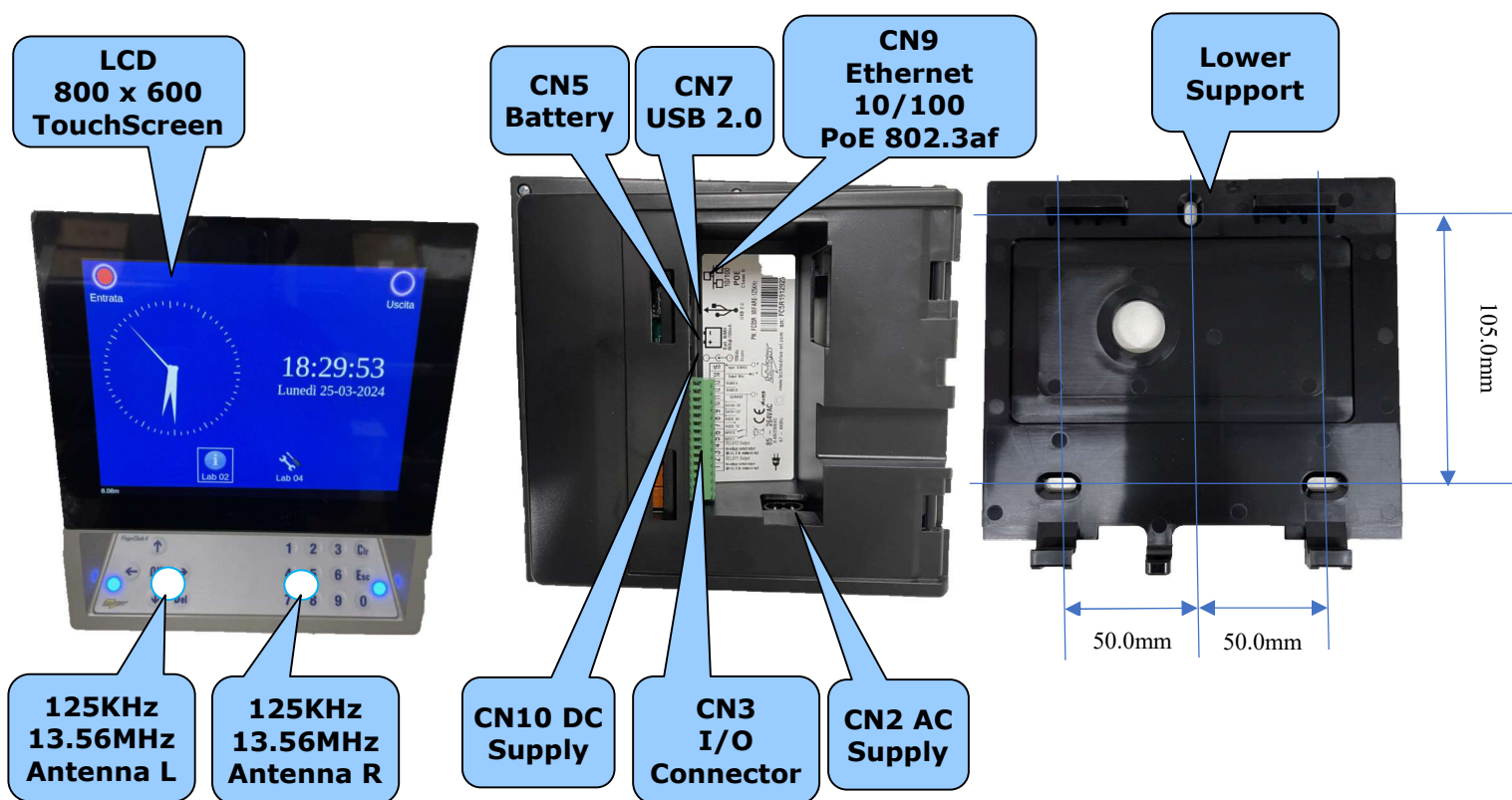


FingerClock-5R

Technical Manual

rel 1.1_3



KEYBOARD:

Button RESET switch

- press 1 second "0" + "7" to RESET
- press 10 seconds "0" + "7" 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

CN10:

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

Central "+"

External "-"



Progettazione e Realizzazione Apparecchiature Elettroniche

CN2:

External **AC supply** without PoE, 100-240Vac @ 0.6A 50/60Hz

CN7:

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

CN9:

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

RED led Power supply ON

GREEN led Link

CN3:

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

CN5:

External battery *NI-MH 800mAh 9V6 (optional)*

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
- *INTERFACE* *WIFI or BLE or WIFI-BLE or 4G (optional)*
- *OUTPUTS* 2xRELAY 1A@32Vdc MAX (NO,C)
- *INPUTS* 2xINPUT NPN
- *RF-READER* 2x125KHz , 2x13.56MHz
- *SOUND* Monotone Buzzer (polyphonic audio **optional**)
- *SUPPLY* 8..24Vdc or direct 85 ~ 264VAC 50Hz
- *BATTERY* **optional** internal NI-MH 800mAh 9V6
- *POWER* 14W max
- *DISPLAY* 800 x 600 16bits color
- *TOUCH SCREEN* capacitive with 3mm glass
- *KEYBOARD* 18 Mechanical keys
- *LED* 2 x RGB led
- *DIMENSIONS* (W x H x D) mm 210 x 234 x 76
- *WEIGHT* 1100g