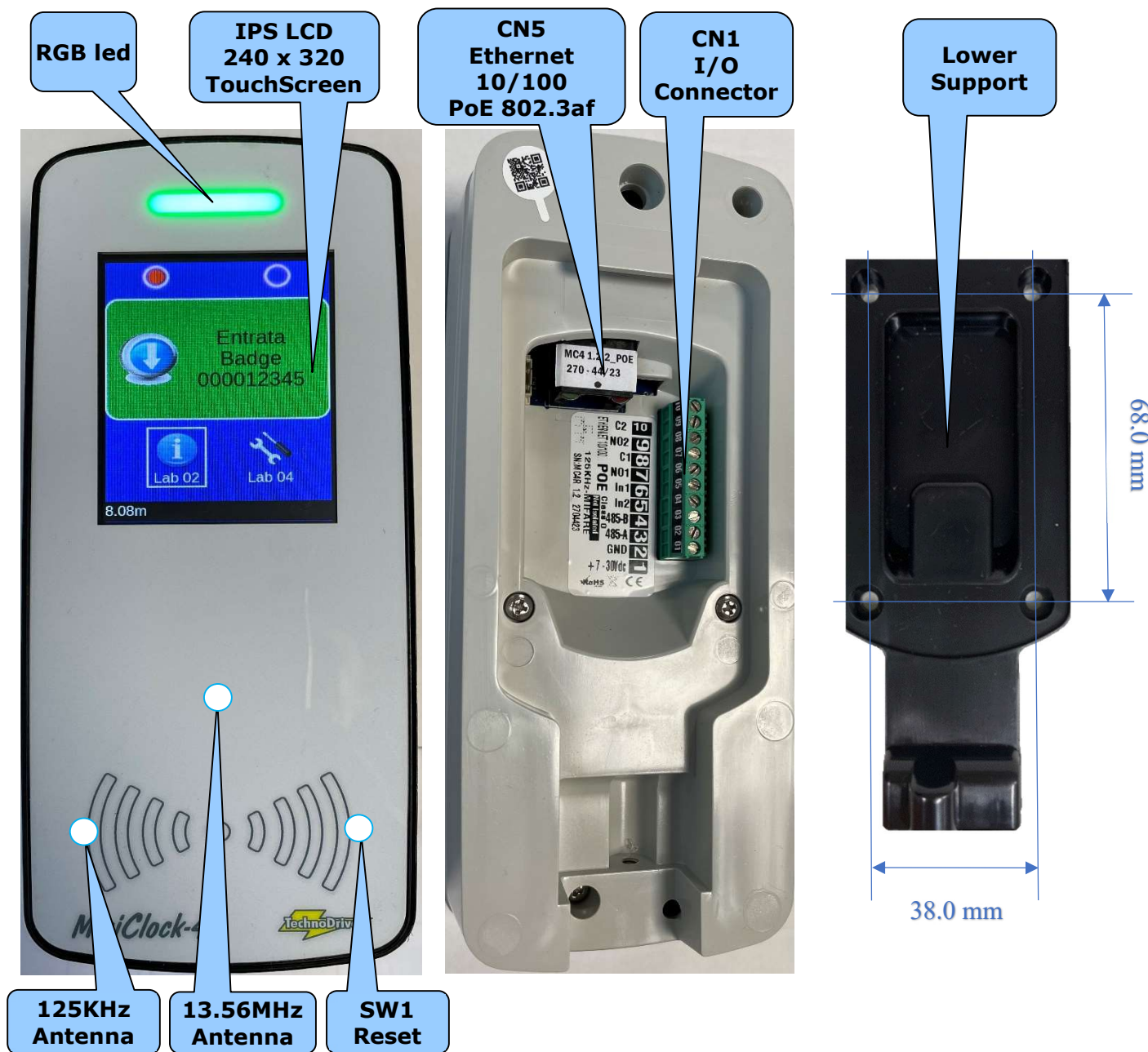


MiniClock-4R

Technical Manual

rel 1.2_2



CN5:

Ethernet 10/100 connector, Auto-MDIX, **NOT ISOLATED** PoE IEEE 802.3af
 RED led Power supply ON
 GREEN led Link



Progettazione e Realizzazione Apparecchiature Elettroniche

CN1:

pin-1	+Supply (8..24Vdc) without PoE
pin-2	GND
pin-3	RS-485_"A" (COM4 RS-485)
pin-4	RS-485_"B" (COM4 RS-485)
pin-5	INPUT_2 (close to GND to activate)
pin-6	INPUT_1 (close to GND to activate)
pin-7	RELAY_1 NO (MAX 1A@32Vdc)
pin-8	RELAY_1 C (MAX 1A@32Vdc)
pin-9	RELAY_2 NO (MAX 1A@32Vdc)
pin-10	RELAY_2 C (MAX 1A@32Vdc)

SW1:

Button RESET switch

- press 1 second to RESET
- press 6 second to RECOVERY mode, wait black and white screen, "recovery xx%" appears, after that press:
"OK=Def" ip=192.168.0.1 TCPport=4660 ID=01 WEBport=80
"Up=Loc" ip=conf.#0045 port=conf.#0049 ID=conf.#0001 WEBport=conf.#0091

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
- USB 2xUSB 2.0 HOST (Internal)
- ETHERNET 1xETHERNET 10/100 with **NOT ISOLATED** PoE IEEE 802.3af
- OUTPUTS 2xRELAY 1A@32Vdc MAX (NO,C)
- INPUTS 2xINPUT NPN
- RF-READER 1x125KHz , 1x13.56MHz
- LED RGB led
- SOUND Monotone Buzzer
- SUPPLY 8..24Vdc max
- POWER 10W max
- DISPLAY IPS 240 x 320 16bits color
- TOUCH SCREEN resistive
- DIMENSIONS (W x H x D) mm 74 x 178 x 50
- WEIGHT 325g

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