

## DESCRIPTION

- SMD LED technology for indoor installation.
- Hours and minutes and revolving second display on ellipse design.
- Fixed or alternate time with date or week number display or temperature (probe integrated to the clock).
- Height of digits 7 cm, optimal viewing distance: 30 metres.
- Angle of vision: 120°.
- LED colours: red, green, yellow, blue and white.
- Display of the seconds by highlighted effect on the moving dot
- Models: independent, impulse, wireless DCF, wireless DHF, AFNOR, NTP/ETH and NTP/Wi-Fi.



## STANDARDS

- EMC: EN55032, EN55024.
- LVD: EN62368-1.
- RED (radio models): EN301-489-3.
- EEE 802.11 b/g (NTP/Wi-Fi model)

## GENERAL FEATURES

- **Adjustable brightness**..... 4 levels.
- **Display mode**..... 12 or 24 hour.
- **Eco mode**..... Programmable energy saving or predefined over a time period.
- **Time change**..... Automatic summer/winter time changeover and perpetual calendar.
- **Time base backup**.....
  - Independent model: 15 days in case of power failure.
  - Impulse model: in case of power failure, data saving and impulses reception without battery.
  - Synchronised models: at each start the clocks wait for the synchronisation signal.
- **Time accuracy**..... 0.2 second/day (except NTP model: precision dependent on the time server).
- **Operation**..... Silent.
- **Digit**..... 7 segments de 4 LEDs each.
- **Second ellipse**..... 60 LEDs.
- **Hours and minutes separating**..... Colon made of LEDs.
- **Configuration**..... 2 capacitive buttons.
- **NTP/ETH and NTP/Wi-Fi models**.....
  - Synchronisation unicast, multicast and by DHCP.
  - Advanced configuration from the embedded web server.

## MECHANICAL FEATURES

- **Construction**..... PC/ABS black (IP30, IK02) and PMMA (poly methyl methacrylate) cristal.
- **Operating temperature range**..... -5 to +55°C.
- **Weight**..... 1.135 Kg.
- **Dimensions**..... See on the back.

## ELECTRICAL FEATURES

- **Power supply**.....
  - Independent, impulse, AFNOR, DHF and NTP/Wi-Fi models: 100-240VAC.
  - Wireless DCF model: 230VAC.
  - NTP/ETH model: PoE (Power over Ethernet) – class 0.
- **Consumption (max)**.....
  - 100-240 VAC ; 250-150 mA.
  - 230 VAC ; 35 mA.
  - NTP/ETH receiver ; 3,4 W (red, green, yellow) ; 1,7 W (blue, white).
- **Electric protection**.....
  - NTP/ETH model: Class 3.
  - Other Synchronisations: Class 2.

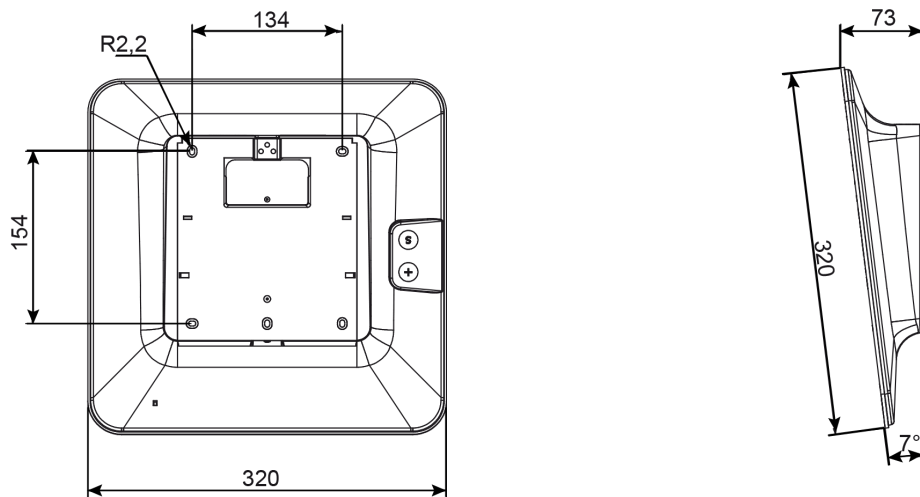
## STYLE 7 ELLIPSE REFERENCES (BY SYNCHRONISATION)

- |  |   |
|--|---|
| • <b>946 51x</b> ..... Independent model | • <b>946 58x</b> ..... NTP/Wi-Fi model              |
| • <b>946 52x</b> ..... Impulse model     | • <b>946 003</b> ..... Double sided hanging bracket |
| • <b>946 53x</b> ..... DCF model         | • <b>946 004</b> ..... Single sided hanging bracket |
| • <b>946 54x</b> ..... DHF model         | • <b>946 080</b> ..... External Wi-Fi antenna       |
| • <b>946 55x</b> ..... AFNOR model       |   |
| • <b>946 57x</b> ..... NTP/ETH model     |   |
- **Specify the LED colour by replacing the "x" in the reference number by:** 1: red - 2: green - 3: yellow - 4: blue - 5: white



## WALL MOUNTING

Dimensions in mm



## MOUNTING ON HANGING BRACKET

- The hanging bracket makes possible to hang the clock from the ceiling or from the wall.
- Construction: Steel.
- Colour: Black.

Dimensions in mm

