



**Autometers Alliance Ltd**

# DIGITAL OUTDOOR CLOCK

The Clock units are constructed using RED colour LEDs (can be customized for any other color) and used for outdoor locations. The professional clocks can display the same time information, synchronized by a master clock or a time server. The clock units are intelligent to cater for changing ambient light conditions. A brightness sensor is incorporated in the unit to sense the ambient light and convert the light signal to appropriate voltage signal, which is fed to electronic circuit inside the unit to control the LED driving. This features good visibility and viewing distance.

The clock has its own temperature compensated TCXO time base which allows accuracy about 0.1 sec / day between 0° to 40°C in case of synchronization loss. These Clock units are operated with 240V, 50Hz AC supply.

## Technical Specifications

Dimensions	: 990 × 480 × 100mm
Height of digit	: 210mm
Distance of legibility	: 60 mtrs
LED color	: Red or any other color as per customer requirement
Synchronization input	: NTP / AFNOR
Power supply	: 230 VAC
Mounting	: Wall / Ceiling Mount
Color of case	: Aluminum Lacquered Black
Operating temperature	: -20°C to 70°C
Humidity	: 95% @ 40°C



## Technical Features

- Direct sunlight legible using ultra bright LEDs.
- Wide viewing angle.
- Automatic brightness control with in-built light sensor.
- Display area : 880 mm × 320 mm.
- Single sided HH:MM display configuration.
- High reliability, in excess of 80,000 hours MTBF.
- No routine maintenance required.
- Long life.
- Multiple data interfaces AFNOR, TCP/IP etc.
- Enclosures and fixings to satisfy exterior requirements.
- Low power consumption.
- Easy servicing access.
- Casework is CRCA / Aluminium painted black & IP-65 protection class.
- Backup of time information in case of mains absence.
- Weight : 20Kg (approx.).