

DT100-8C – LED Digital Clocks

LED digital clocks display time information, which can be synchronized by serial interface RS485 (RS422) from the Central Time System GPSD or from PC. One RS485 line can drive up to 31 digital clocks DT100-8C.

- Display Format: 24 Hour (hours:minutes) and Date (day.month.)
- Clock Display: Highly Visible LED
- Led Color: DT100-8C1 – 24 Hour red, Date green
DT100-8C2 – 24 Hour green, Date red
DT100-8CR – red
DT100-8CG – green
- 100 mm Digits (24 Hour) and 57 mm Digits (Date)
- Available Aluminum Frame: black color
silver extruded
- Bright Intensity Setting: Manually, 15 levels (button ‚more‘ and ‚less‘)
- Automatic Function "Night Reduction of Brightness" available
- Synchronization Input: serial interface RS485, Time Protocol OSC, OSC+
- Stand-alone Function (for absence of serial input signal)
- Battery backup maintains time during a power failure
- Enable or Disable Automatic Switching Between Standard Time and Daylight Saving Time
- All World Time Zones available
- Installation: wall
below ceiling (two bars)
- Supply: 230 VAC (85-264 VAC/120-370 VDC), 15 VA max
- Operating temperature: -10 °C ... +50 °C
- Weight: 3,4 kg
- Dimensions: 760 x 180 x 36 mm

These indoor clocks are in use by many organizations where accurate, synchronized time is required.



Figure 1: DT100-8C1 front view, black frame

Serial interface and supply cable is connected through connector or through WAGO clips. The maximum diameter of used wires is 2,5 mm².