

DT20-6v7 – Ethernet LED Digital Clocks

The DT20-6v7 LED display/clock displays time information that is synchronized via Ethernet network from NTP servers. Up to four NTP/SNTP servers from the local network or from the Internet can be used for time synchronization of the DT20-6v7, for instance the GPSNTP server can be used.

- Displayed mode: time (HH:MM:SS), date (DD.MM.YY), stopwatch (HH:MM:SS, MM:SS.ts)
- Time format: 24 hours
- Display type: LED numeric display
- Display color: DT20-6Rv7 – red
DT20-6Gv7 – green
- Digit height: 20 mm (0,8 inch)
- Automatic brightness control according to ambient lighting or remote control
- Data interface: RJ-45 Ethernet 10BASE-T or 100BASE-TX (auto-sensing)
- Network protocols: NTP/SNTP v4 client
 - HTTP
 - FTP
 - Telnet
- Internal clock source synchronized via up to four external NTP/SNTP servers
- Independent digital clock function when NTP synchronization lost
- Backup: internal RTC with battery
- Daylight saving time for many locations
- All time zones available
- Power supply: PoE (IEEE802.3af), Class 2, input power less than 7 W
- Ambient temperature: -10 °C to +50 °C
- Installation: control panel/board
- Weight: 0,8 kg
- Dimensions: 212,9 x 128,4 x 46,8 mm (w x h x d)



Figure 1: Front view of the DT20-6Gv7

The resistant non-glare front foil, high contrast of used digits and the automatic brightness control guarantee excellent readability of displayed information. The DT20-6v7 can be placed in the control panels of control centers or bigger rooms. It is designed for indoor installation.

Two buttons at the front panel can be used for selecting of displayed mode and for start/stop/reset of internal stopwatch. The internal web pages or direct control by the HTTP protocol can be used for remote control of the DT20-6v7.

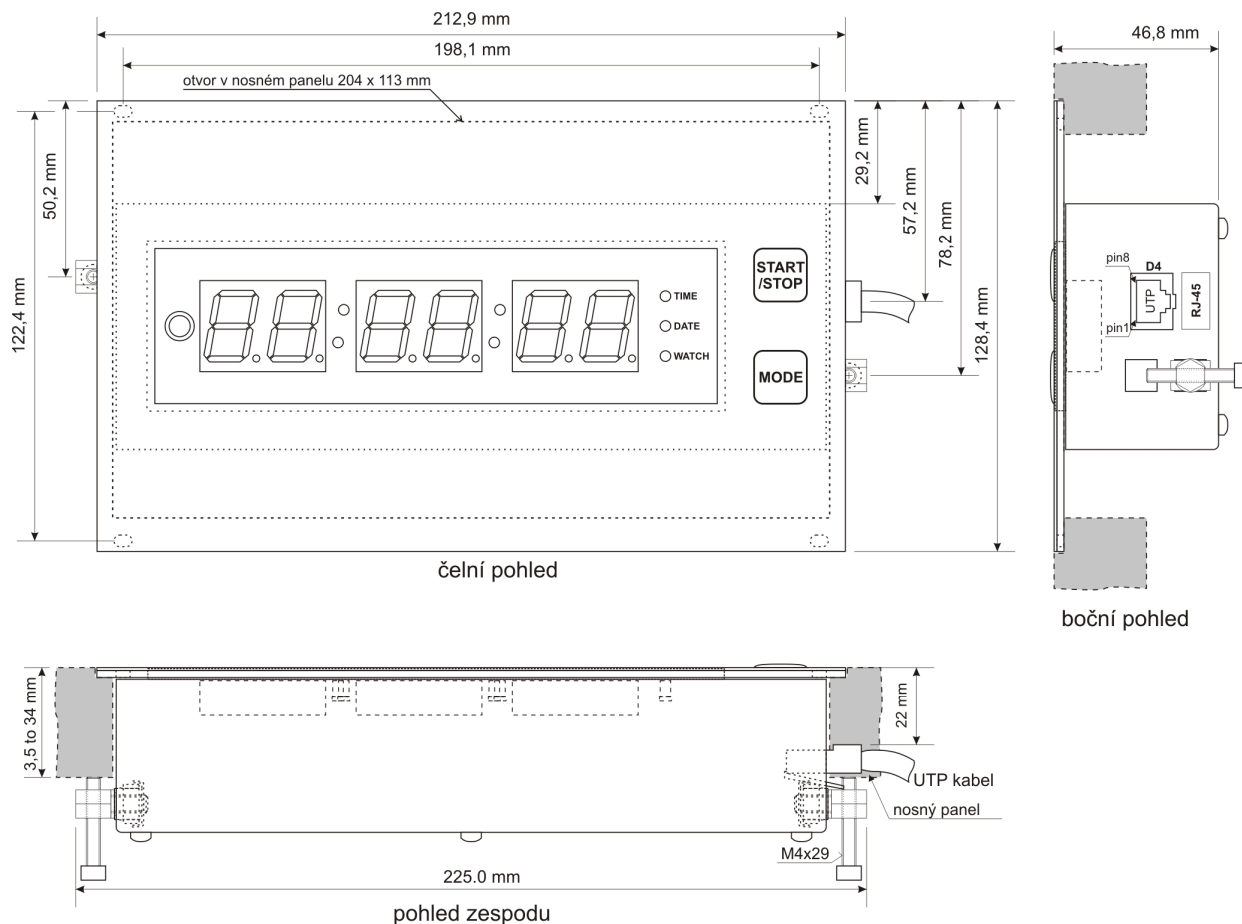


Figure 2: Dimensions of the DT20-6v7

An arbitrary time zone can be set in the TD20-6, as well as many different DST (daylight saving time) rules can be observed.

There is only one interface connector in the DT20-6v7: the RJ-45 Ethernet connector (D4). Both power and data are delivered to the DT20-6v7 through this connector. The DT20-6v7 is compatible with PoE standard (Power over Ethernet) IEEE802.3af.

The DT20-6v6 can be mounted in the control panels. It is fastened with two fixing bolts M4x29 or through four holes $\varnothing 4$ mm under the front foil. A wide range of thickness of mounting panel can be used: from 3,5 to 34 mm. Front panel dimensions can be adjusted according to customer request.