

VP100/20NET

NTP synchronized date clock and message display



- displays the time of the day, the date, and the day of the week
- static, blinking, or moving messages
- programmable messages; transmission of messages through the network, the corresponding PC software is enclosed
- time synchronization: through the network - through the connection to the NTP server
- two keys for adjusting the time, the IP address, the time zone, the brightness,...
- height of characters: 50 mm
- readability: from a distance of up to 20 m

TECHNICAL DATA

Displaying array:	LED technology; displays up to 20 characters of 50 mm in height; format: 5x7 pixels; color: red
Network interface:	100Base-TX Ethernet 10/100 Mbit, connector RJ-45
Time synchronization:	through the connection to the NTP server; the protocol used: SNTP; automatic daylight saving time changeover;
Internal clock:	accuracy: $\pm 3 \cdot 10^{-6}$ (when it runs independently, without SNTP synchronization); time runs also with the display switched off – up to 10 years after the date of production
Time display:	the month and the day of the week can be displayed in multiple languages
Messages:	user programmable on a Windows PC through the network (LAN), programming software enclosed displaying: immediately or at a predetermined time; messages can have different priorities; possibility of a sound alert messages remain permanently in the memory
Number and length of the messages:	up to 32 messages each can have up to 241 characters (in case of moving messages), or up to 220 characters (11 lines) (in case of static messages)
Power supply:	100-240 V / 50-60 Hz, Option: Power over Ethernet – PoE+ (IEEE 802.3at)
Power consumption:	up to 20 W
Mounting:	on the wall (if a single face display is mounted) on the ceiling (if a double face display is mounted) the carriers are enclosed
Casing:	metallic, plastic-coated; standard color: black
Dimensions (mm):	996 × 100 × 60 (the mounting carriers are not taken into account)
Weight:	3.7 kg
Protection class:	IP30, for indoor use only
Temperature range:	0..50° C