

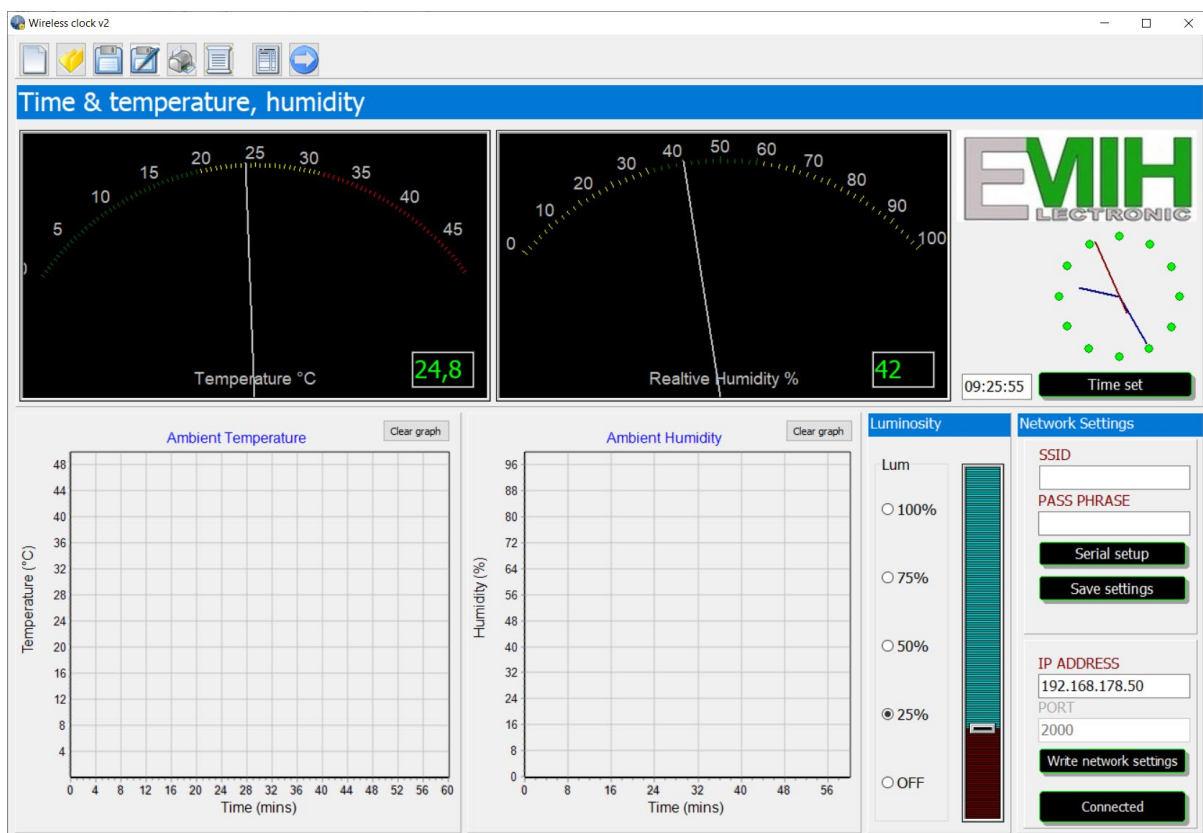
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1. Control vlock using PC software

PC software Wireless clock v2 - features

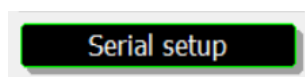
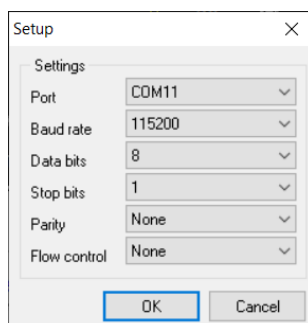
- Works on windows platforms,
- Displaying analog and digital system clock,
- Displaying analog and digital temperature and humidity,
- Displaying graphically temperature and humidity every minute,
- Creates log file for both values,
- Setting luminosity in 25% paces or continuously with slider,
- Sets SSID and PASSPHRASE via USB,
- Virtual COM port settings,
- IP address and port settings,
- Clock Synchronization every day at 12:00:00,
- Manually seting clock with button.
- Shows help immediatelly when pointing mouse on element.



1.1 Network settings

1.1.1 Virtual com porta settings

USB cable should be attached for this setting. SSID and pass phrase is set over USB just once.

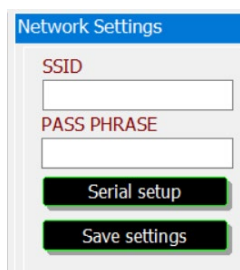



Settings	
Port	COM11
Baud rate	115200
Data bits	8
Stop bits	1
Parity	None
Flow control	None

OK Cancel

Push on »Serial setup« button opens dialog, where just port and baud rate should be selected, baud rate is 115200 other settings are set by default. Finally confirm with »OK «.

1.1.2 Password and SSID entry



Network Settings

SSID

PASS PHRASE

Serial setup

Save settings

Enter local network name in SSID window and password in PASS PHRASE window for accessing that network. With USB cable attached in setup window comport number appears. After that you can store settings pushing button »Save settings« then clock restarts with new settings. If data is written correctly this action is not needed anymore. After reset it must be waited at least 10 seconds to new settings taking into account.

1.1.3 IP Entering



IP ADDRESS

192.168.178.50

PORT

2000

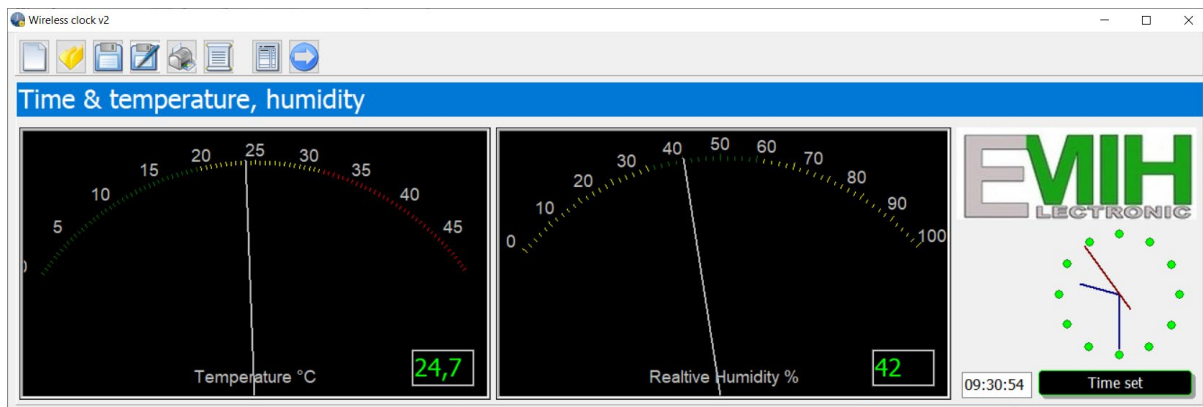
Write network settings

Connected

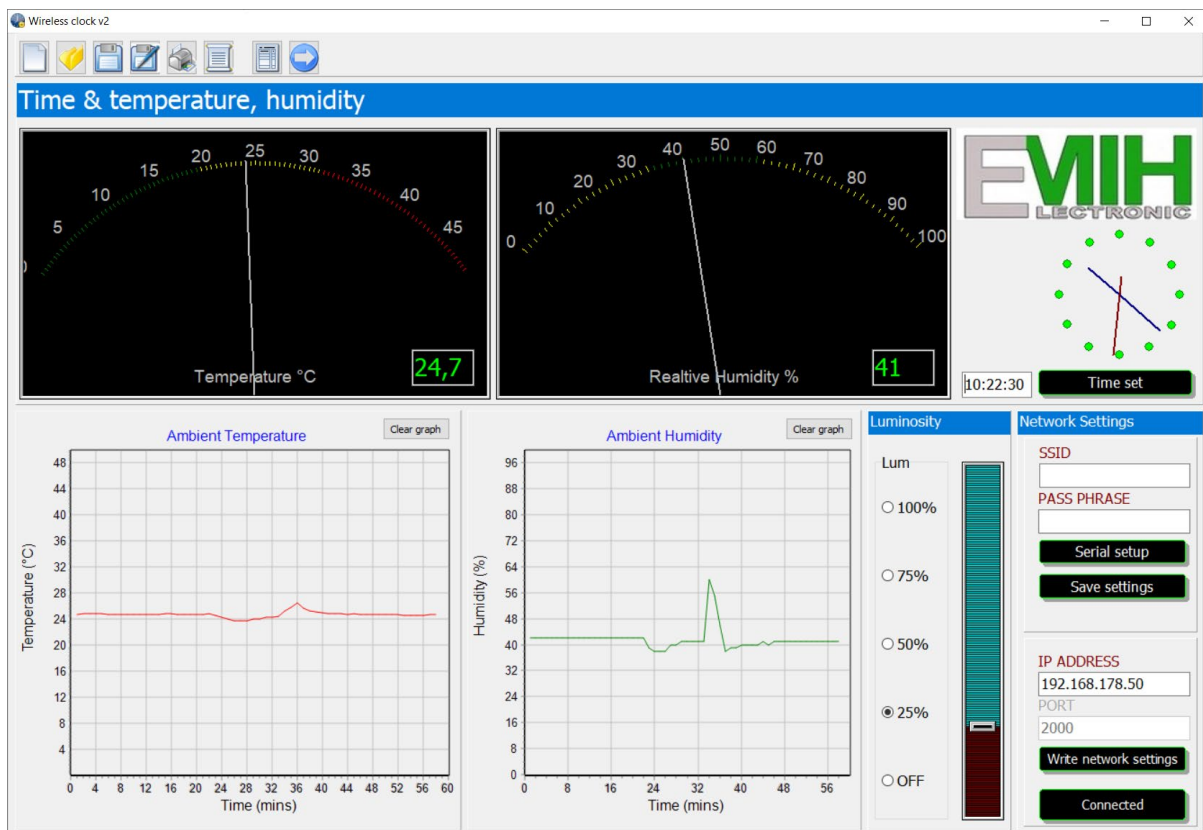
IP address should be found in your router after clock is powered on. Clock is automatically associated with network which can be seen on wireless list in router as »PC-192-168-178-35« for example, this name depends from router. This name can be changed in router and can be set with friendly name. When IP from router is obtained then write it into window and then press »Write network settings« after that clock is prepared for usage.

1.2 Connecting and showing results

After pressing button »DisConnected« connection is established on button appears »Connected« and then results are seen on instruments as can be seen on below picture. With »Time set« button time can be synchronized at any time.

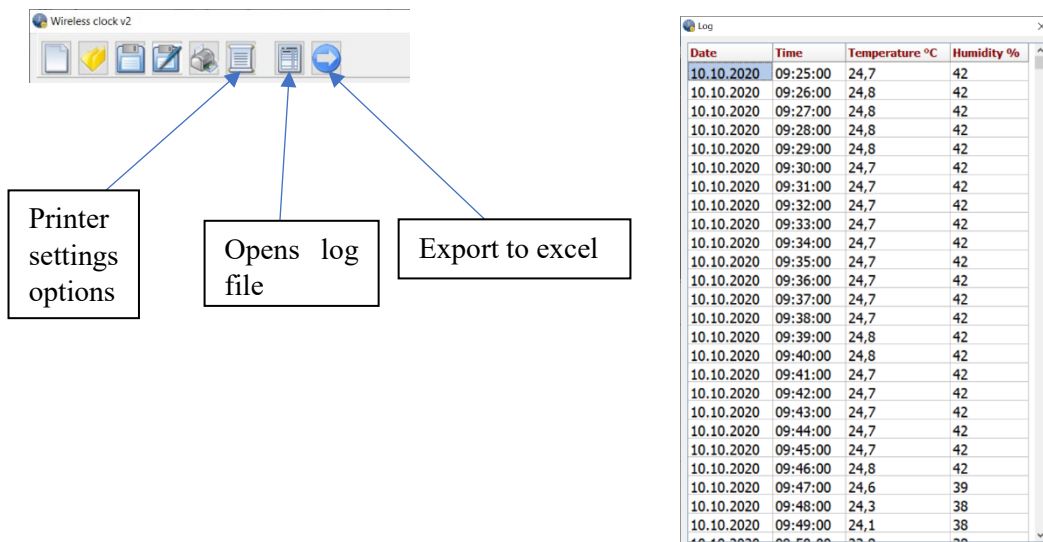


On picture below complete window can be seen with analog and digital displaying of temperature, humidity and graphic chart of temperature and humidity. Graphic displaying resets after one hour and starts at beginning, log file updates each minute.



1.3 Log file

Picture below shows standard windows buttons such as new, open, save, save as and print and three other buttons for print options, log file and export log.



2. Controlling with IR remote control



TIPKA	FUNKCIJA
»ARROW UP«	Increase luminosity
» ARROW DOWN «	Decrease luminosity
»OK«	Confirms clock settings
»1«	Preset luminosity – 100%
»2«	Preset luminosity – 75%
»3«	Preset luminosity – 50%
»4«	Preset luminosity – 25%
»5«	Preset luminosity – 0% , dark display
»6«	No function
»7«	No function
»8«	No function
»9«	No function
»0«	No function
»*«	No function
»#«	Enter in clock setting

2.1 Set clock with IR remote control

Postopek:

- Pointing remote to clock and pressing on »#« button shows hours setting. With »UP« or »DOWN« clock is set and confirmed with »OK« after that beep follows as confirmation.
- After beep clock jumps on minutes setting and above can be repeated,

After beep clock jumps on seconds setting in and above can be repeated. With »OK« button settings are finished.