

# Ulanzi TC001 with AWTRIX

Connect Ulanzi TC001 to Wi-Fi using device manual and set some parameters

The topic is not covered by manual for the moment is how to use AWTRIX Mode

## Setup AWTRIX 2.0

On Linux server (that you for sure have at home)

```
wget -N https://blueforcer.de/awtrix/awtrix.sh ; sudo sh awtrix.sh
```

```
user@server:~$ sudo systemctl status awtrix
awtrix.service - AWTRIX HOST
   Loaded: loaded (/etc/systemd/system/awtrix.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2023-01-31 21:03:11 EET; 22min ago
     Main PID: 877 (java)
        Tasks: 70 (limit: 76695)
      Memory: 262.9M
         CPU: 10.199s
    CGroup: /system.slice/awtrix.service
            877 /usr/bin/java -jar /usr/local/awtrix/awtrix.jar

Jan 31 21:03:11 server3 systemd[1]: Started AWTRIX HOST.
Jan 31 21:03:11 server3 java[877]: Redirecting logs to: 1675191791519.log
```

## Configure Ulanzi TC001 to use AWTRIX

### Configure Clock

Just go to your clock IP

<http://your.clock.ip/>

[http://your.clock.ip/app\\_switch?](http://your.clock.ip/app_switch?)

Awtrix Simulator: **enable**

Server IP: xxx.xxx.xxx.xxx (your.server.ip)


Server port: **7001**

**Press Save**

### Example Settings

# Ulanzi桌面时钟

## General Setting

Language English 

Brightness Auto 

Brightness 80% 

Night Brightness 30% 

Switch Speed No Switch 


Scroll Speed 6 

Timezone Auto Timezone 

Time Format HH:mm 

Date Format DD/MM 

Show Week Show 

The First Day Of Week Monday 

Night Mode 

Night Mode Begin 0  Hour 0  Min

Night Mode End 6  Hour 0  Min

Save

Previous

Next

About

# Ulanzi桌面时钟

## Common Setting

Time	<input checked="" type="checkbox"/>
Date	<input checked="" type="checkbox"/>
Weather	<input checked="" type="checkbox"/>
Bilibili Fans	<input type="checkbox"/>
Weibo Fans	<input type="checkbox"/>
YouTube Fans	<input checked="" type="checkbox"/>
Douyin Fans	<input type="checkbox"/>
Score Board	<input type="checkbox"/>
Chronograph	<input type="checkbox"/>
Tomato Clock	<input type="checkbox"/>
Battery Power	<input type="checkbox"/>
The Matrix	<input checked="" type="checkbox"/>
Awtrix Simulator	<input checked="" type="checkbox"/>
Server IP	<input type="text" value="10.0.0.26"/>
Server Port	<input type="text" value="7001"/>
Show Local IP	<input type="checkbox"/>

Save

Previous

Next

About

## Configure AWTRIX

Host settings

http://your.server.ip:7000/pages/host.html

AWTRIX

MAIN NAVIGATION

Dashboard

My Apps

Appstore

Extras

Settings

Status

Host

Matrix

Log

OTHERS

About

Policies

Support AWTRIX

Links

Critical Errors

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Version: 2045

Host Status

VERSION

2045

UPTIME

0d 0H 43m 48s

IP

MATRIX DATA

476.66 KB

MQTT

DISCONNECTED

INSTALLED APPS

1

APP UPDATES

0

AWTRIX CLOUD

DISCONNECTED

CLOUD COMMANDS

0

API REQUESTS

0

Premium

INACTIVE

JRE Status

JRE VERSION

18.0.2-ea

JRE HEAP

58.64 MB

JRE ALOC HEAP

160 MB

JRE USED HEAP

58.64 MB

JRE FREE MEMORY

97.97 MB

CPU LOAD

0.08%

START GC

Click me

Check if Ulanzi connected

http://your.server.ip:7000/pages/matrix.html

AWTRIX

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Appstore

Extras

Settings

Status

Host

Matrix

Log

OTHERS

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Policies

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Links

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Version: 2045

Matrix Status

VERSION

0.43

MATRIX UPDATE

available

CONNECTED

true

CONNECTION

WiFi

IP

SSID

LATENCY

490

QUALITY

100

LDR

null