

## ANTIK IPTV DEMOKIT MANUAL

Thank you for purchasing the IPTV Demo Kit (IDK). We have put together the IDK to offer our client a good insight about our IPTV solution, and to give you a hand-on experience on how to manage an IPTV system. We hope you will enjoy it and find it useful.

### Part #1 – Package Content

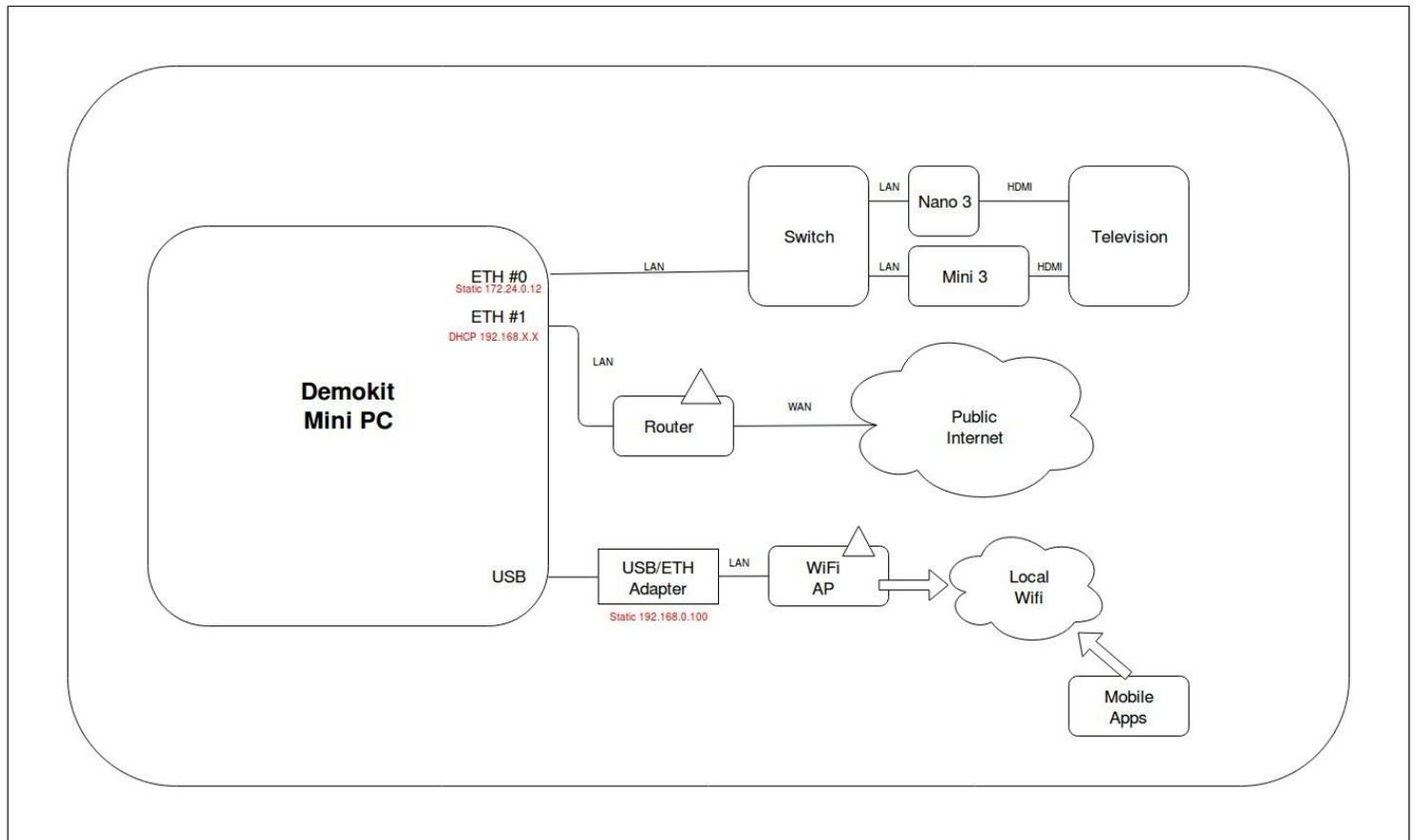
The IDK comprises of the following parts:

- 1x Server computer
- 2x USB Ethernet Adapter RJ45
- 1x Nano3 STB
- 1x Mini3 4Xeth STB
- 1x Debug Cable (USB to RS-232)
- 1x Wi-Fi AP
- 1x 5-port Gigabit Switch
- 1x 16GB USB Drive
- 1X Wireless IPTV Keyboard
- 3x Ethernet Cable (2m)



## Part #2 – Setting Up the IPTV System

- 1) Connect all components by scheme below.
- 2) Connect Gigabit Switch (at least 4-port) to the onboard toward at corner RJ-45 Ethernet port (i.e. ETH0).
- 3) Connect your office router with internet via RJ45 cable to the second Ethernet (i.e. ETH1).
- 4) Power ON the system, the Linux OS will boot-up in 3 minutes.
- 5) Connect the STB to the Gigabit Switch + connect the STB to the TV set and turn the STB on
- 6) Open browser in Linux OS – type <http://localhost/> or <http://127.0.0.1>  
If your Ethernet setup is not working correctly use the button “Reinit network interface”



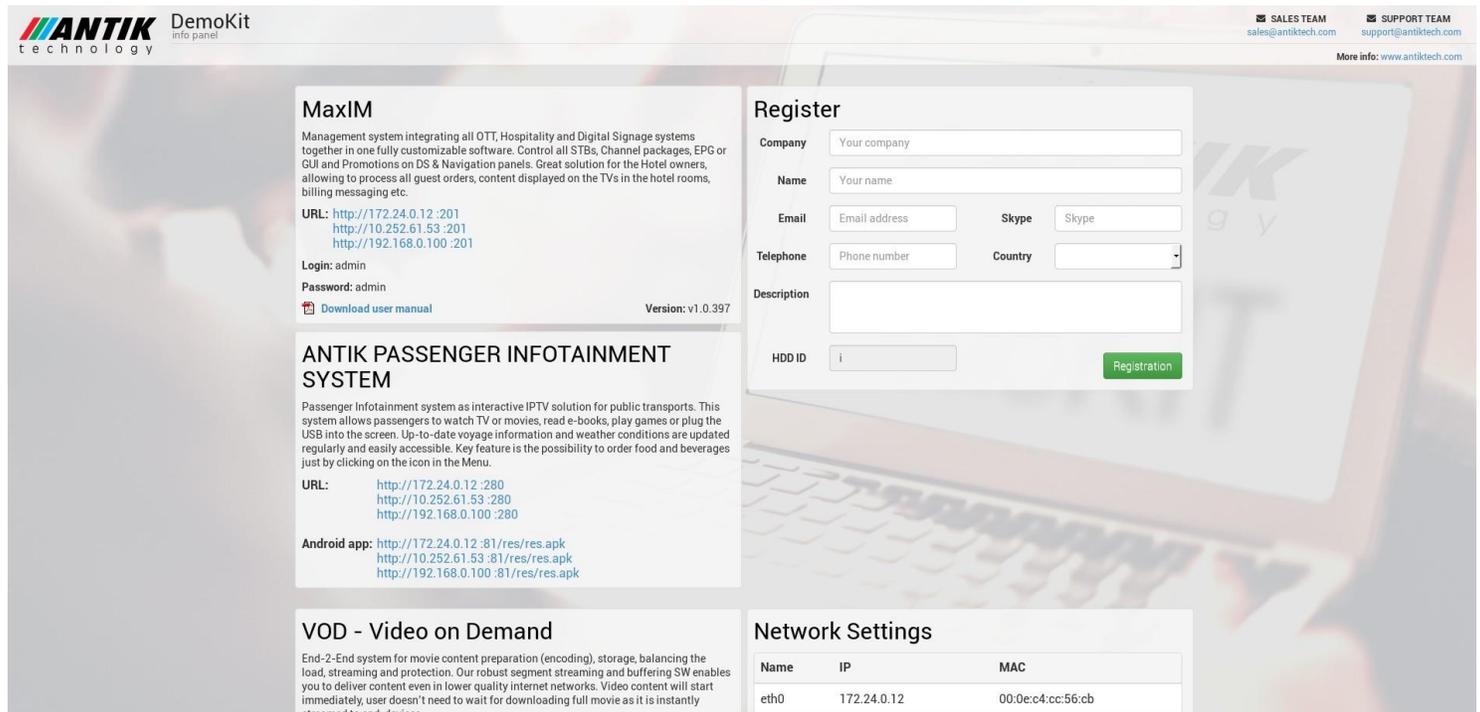
Connection scheme

- Note:
- (1) Make sure the server is fully started before turning the STBs on.
  - (2) USB RJ-45 Ethernet Adapter needs to be connected to LAN, for Internet access and for enabling online support
  - (3) USB-to-RS232 Debug Cable will be used later when necessary, please keep it safe.

### Part #3 – Entering IPTV Demo kit (Homepage)

<http://localhost/> or <http://127.0.0.1>

This index gives access to manage Demo kit system components: Maxim, VOD, Antik Passenger infotainment system, etc.



The screenshot shows the IPTV DemoKit homepage with the following sections:

- MaxIM**: Management system integrating all OTT, Hospitality and Digital Signage systems. Includes login (admin/admin) and a download user manual link.
- ANTIK PASSENGER INFOTAINMENT SYSTEM**: Passenger infotainment system for public transports. Includes Android app download links.
- VOD - Video on Demand**: End-2-End system for movie content preparation, storage, and streaming.
- Register**: A form to register a new device with fields for Company, Name, Email, Skype, Telephone, Country, Description, and HDD ID.
- Network Settings**: A table showing network interfaces and their configurations.

Name	IP	MAC
eth0	172.24.0.12	00:0e:c4:cc:56:cb

IPTV Demokit Home page

### Network Settings

Name	IP	MAC
eth0	172.24.0.12	00:0e:c4:cc:56:cb
eth1	10.252.61.53	00:0e:c4:cc:56:cc
eth2	192.168.0.100	00:13:3b:9c:8f:d8

[Reinit network interface](#)

If ETH0 adapter is not 172.24.0.12 (e.g. eth1, eth2, eth3 etc.) multicast stream is spread on the wrong network.

Use “Reinit network interface” to assign correct names of ETH from your mainboard. Press “Reinit network interface” button, reboot computer and check if ETH0 was assigned as ETH0: 172.24.0.12. You can also do it over SSH by removing or editing file: `rm/etc/udev/rules.f/70-persistent-net.rules`

## Part #4 - Operating the STB

It is possible to test:

Live Streaming (from demo HDD),

Archive streaming (archived programs for 1 day, marked channel by yellow mark - e.g. Markiza)

VOD

EPG

YouTube

MaxIM – IPTV Management System (<http://172.24.0.12:201> (user: admin, password: admin))

## Part #5 – Update EPG

EPG are updated every day depending on /etc/cron.d/epg parameters.

You can also manually start EPG update running command:

```
php /opt/antik/epg/maxim_sync.php && /opt/antik/epg/parser/start.sh
```

EPG are set to automatically update daily (preset in cron)

## Part #6 – Troubleshooting & FAQ

Q: Channel list not visible/empty.

A: Make sure server is started and restart the STB = disconnect and connect again the power supply.

Q: If I connect the STB to public internet, will it work?

1: The STB is prepared to work on public IP address, too. After connecting the STB, it is needed to get right channel list, it means to - “Reload sources” (press Menu button on remote control, go to Settings, move to “About application” and on the right side click Reload Sources “Yes”. New channel is now visible in the channel list on the STB). The STB will be then connected to Antik Demo server, where you can watch our demo channel package.

## Part #7 - License

Demokit requires a license for it to function properly. Once you receive the Demokit, please contact your sales representative who will set up a support session where our team provides the license.

If you have any additional questions, please contact [demokit@antiktech.com](mailto:demokit@antiktech.com); for online support by SKYPE: [antikdemokit](#)