

Kiloview Kiloview KiloLink Server Pro (KLSP) Installation Manual (Easy Mode)

1. Introduction

Kiloview Kiloview KiloLink Server Pro (KLSP) allows you to manage all your Kiloview devices, and as bondin/debonding server for your P3 and P3 mini bonding encoders. This guide simplifies installation using a script by @simonemessina92. Recommended for Ubuntu 20.04 / 22.04.

2. Quick Installation

Paste the following command into your Linux terminal:

```
bash <(curl -fsSL  
https://raw.githubusercontent.com/simonemessina92/KLSP/main/KLSP.sh)
```

This script will:

- Install dependencies: docker, curl, avahi-daemon
- Download the latest Kiloview KiloLink Server Pro (KLSP)

- Load the Docker image
- Start the container and show Web UI access

1) After hitting enter you should be prompted to the EULA on screen, press “q” and then “y” to accept it:

```
Kiloview KLSP Installer Starting...

Select an option:
  1) Install Kiloview KLSP
  2) Uninstall any version of Kiloview KLSP

Enter choice [1-2]: 1
Kiloview KiloLink Server Pro Installer

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```

2) After this screen the script will automatically download the image of the docker container:

#1. Load/download docker images

```
Pulling/Updating the software images from 'kiloview/klmk-pro:latest' ...
latest: Pulling from kiloview/klmk-pro
0d349fa6ec1d: Pull complete
32974267ad11: Pull complete
6e6faba429b7: Pull complete
43ed072047cb: Pull complete
4c3e916fa93e: Pull complete
a4455ff2d447: Pull complete
14200343210c: Pull complete
8ca7edc51bc4: Pull complete
8a1176ea367e: Pull complete
0aa59c9e7d77: Pull complete
6173069fa2f8: Pull complete
36c15041aa79: Pull complete
20f338f9b212: Pull complete
e5940361bf2e: Pull complete
02869138c564: Pull complete
a688ea62ef85: Pull complete
509251a3918d: Pull complete
Digest: sha256:620fddc63f839ede560118505dd8afa1fdb9c8bfaad585e6fc2079ec43c11104
Status: Downloaded newer image for kiloview/klmk-pro:latest
docker.io/kiloview/klmk-pro:latest
```

Congratulations! The image is ready. Now please follow the instructions to complete the installation step by step.

3) Here you will be asked to decide where to install the container information, the default path is /root, press Enter and continue:

#2. Where do you want to install KiloLink Server

```
You can input your install path below, or just press ENTER to install into default location [/root/kilolink-server]

[/root/kilolink-server] >
```

4) Here there's a check of older container in your system:

#3. Checking your old configurations

```
Checking the old software versions (docker containers) ...

[WARNING] You are installing the KiloLink Server to a brand new location, so I can't exactly know what container the old version is.
I have discovered some containers that are suspected to be older versions, as follows:
()
So this requires you to confirm whether certain containers need to be DELETED. However, please note that deleting old containers may affect your existing business, so please choose carefully; If the old container is not deleted, it may cause the new software to not work properly. If you are still unsure, please press CTRL+C to exit and seek necessary assistance.
(Enter DELETING container names separated by spaces) >
```

5) Here you will decide the landing port in http of the server, default port is 80:

#4. Configure your installation

```
Web port is for your Web/HTTP accessing KiloLink Server management console.
Web port:[80] >
```

6) Here you will decide the link port of the server, default port is 50000:

```
Link port is for devices connection for aggregation/management purpose.  
(NOTE: the link port must be an EVEN NUMBER, and when creating a KiloLink service, it will occupy both the [link_port] and [link_port+1] ports.)  
Link port:[50000] >
```

7) Here the script will individuate if you've a valid IPv4, if it's correct press "y" otherwise insert manually:

```
Detected public IP address is: 217.198.139.35. Is this correct? [Y/n] |
```

8)KLSP had been installed successfully:

```
#6. Creating docker container
=====
d495ec70947a7c6ce54647f8ce98fc05758c8b61ba25a514e51270999bb42cd0

🔧 Installation Complete!!

Default credentials: admin / Kiloview001
At first login, you will be required to set a new password.

🔔 Ensure the following ports are open on your firewall:

📄 Access http://217.198.139.35:83 for web management.
🔔 When you configure device to connects to the KiloLink Server, its IP is '217.198.139.35' and access port is 50000.
* Your docker container is named 'MLNKSVR-pro', you can use 'docker' commands to maintain it.

In addition, you also need to pay attention to checking your FIREWALL configuration, and at least ensure that the following ports are configured on the firewall to allow external access:

* UDP ports: 50000 50001
* TCP ports: 83

If you want to enable NDI|HX features:
(the following var N represents how many NDI|HX streams you wish to allow)

* UDP ports: 5353
* TCP ports: [5961, 5962, ...(keep at least N ports open)]
* TCP/UDP ports: 5960 [7960, 7961, ...(keep at least 4*N ports open)]

For other protocols such as RTSP,SRT,webrtc,..., you also need to open the service port range [30000, 30300] as specified in the corresponding protocol.

Thank you for choosing Kiloview - Your AVoIP Trailblazer!
```

3. Web UI Access

Open your browser and go to: http://<YOUR_SERVER_IP>

Default credentials:

- Username: admin
- Password: admin

You will be prompted to change your password at first login.

5. Update Kiloview KiloLink Server Pro (KLSP)

1. Visit <https://www.kiloview.com/en/support/download/>
2. Download the latest `.bin` firmware
3. Upload it from the Web UI update panel

6. Uninstall Instructions

```
bash <(curl -fsSL  
https://raw.githubusercontent.com/simonemessina92/KLSP/main/KLSP.sh)
```

Select option [2] to remove:

- The container
- The Docker image
- The data directory

You should be prompted to something like this:

```
Kiloview NDI CORE Installer Starting...

Select an option:
  1) Install Kiloview NDI CORE
  2) Uninstall any version of Kiloview NDI CORE

Enter choice [1-2]: 2

=== Uninstalling Kiloview NDI CORE ===
Container removed.
Untagged: kiloview/ndicore:1.10.0095
Deleted: sha256:a63b5c1caaa61fd68c8537b9bd030e3d17fc8df9a6a68128f0923047438f36e5
Deleted: sha256:636dc06a287aa15bf2ef74da2cb66c693c9b9a12d0d6cc19a92d7658565a0d43
Deleted: sha256:a3cb884450be48bfa7425109cb5b2e0061b7833e86c212d352d286497ef9e8a3
Deleted: sha256:3a03f09d212915b240e9d216069aba5652ed4765c7e4b098c65e71860d47b8e1
Image(s) removed.
Data directory removed.

✅ Cleanup complete.
```

7. References

GitHub Repository:

<https://github.com/simonemessina92/KLSP>

Email: support@kiloview.com

Website: <https://www.kiloview.com>