

KeIP – Network Profile Switcher

User Manual & Operations Guide

Developed by DASK Technologies

1. Introduction

KeIP is a lightweight, portable Windows system tray utility designed to quickly switch network adapter configurations (Static IP, Subnet Mask, Default Gateway, DNS, and DHCP) without navigating through nested Windows Control Panel settings.

Key Highlights

- **Zero Dependencies:** Single self-contained executable.
- **Instant Switching:** Apply custom IP or DHCP profiles with a single click.
- **Non-Intrusive:** Operates quietly in the Windows Taskbar Notification Area (System Tray).
- **Multi-Adapter Support:** Supports Ethernet, Wi-Fi, and virtual network interfaces.

2. System Requirements & Installation

System Requirements

- **Operating System:** Windows 10 (1809+) or Windows 11 (64-bit).
- **Privileges:** Administrator permissions (required by Windows to modify network interface configurations).

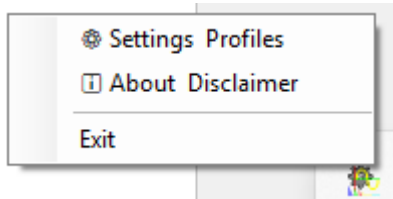
Running KeIP

1. Place **KeIP.exe** in a folder of your choice (e.g., C:\Program Files\DASK Technologies\KeIP\ or your preferred tools folder).
2. Double-click **KeIP.exe**.
3. If prompted by Windows User Account Control (UAC), select **Yes** to allow network management privileges.
4. The **KeIP** icon will appear in the Windows System Tray near the clock.

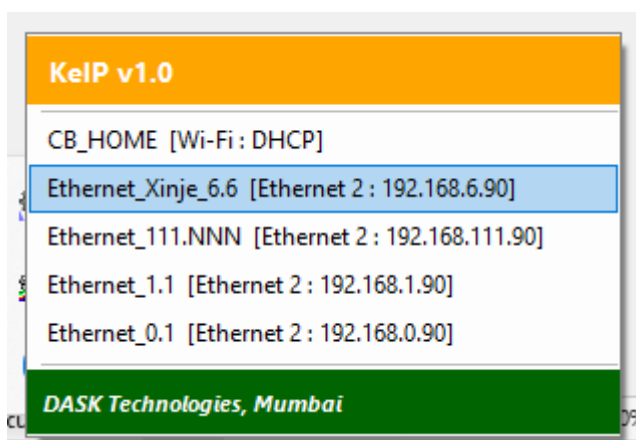
3. Quick Start: Using the System Tray

KelP uses distinct mouse actions for management and profile switching:

- **Left-Click Tray Icon**



- **Right-Click Tray**



3.1 Switching Profiles (Left-Click)

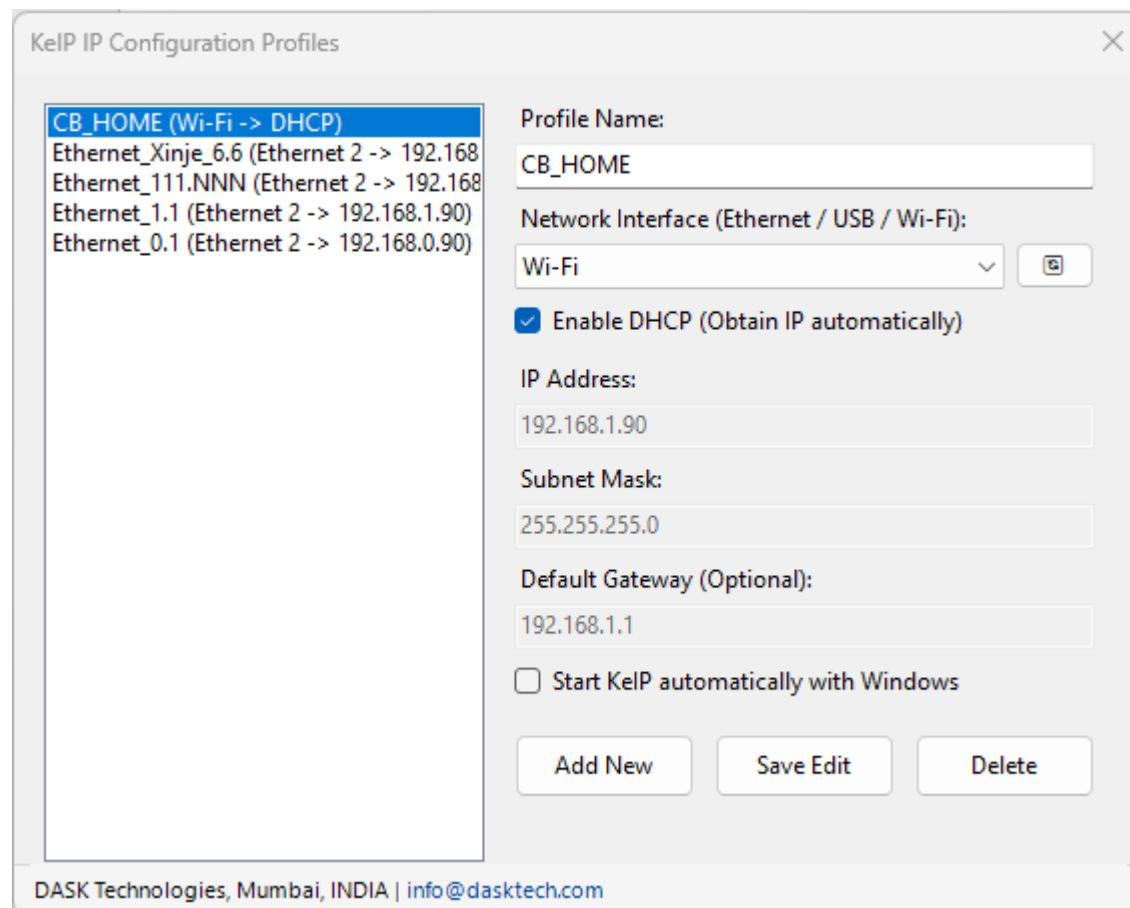
1. **Left-click** the KelP icon in the system tray.
2. The popup menu displays all configured network profiles.
3. Click any profile to apply it immediately.
4. A balloon notification will confirm the active IP address and target adapter.

3.2 Accessing Settings & Exit (Right-Click)

1. **Right-click** the KelP icon in the system tray.
2. Choose:
 - **Settings & Profiles:** Opens the profile configuration manager.
 - **About Disclaimer:** Opens the disclaimer window
 - **Exit:** Closes KelP and frees system resources.

4. Managing Profiles

To configure, edit, or delete network profiles, open the **Settings** window (Right-Click → ⚙️ *Settings & Profiles*).



4.1 Creating a Static IP Profile

1. Select the target **Network Interface** (e.g., *Ethernet*, *Wi-Fi*).
2. Enter a recognizable **Profile Name** (e.g., *Factory PLC Net*, *Office Static*, *Direct Link*).
3. Select **Use Static IP**.
4. Enter the required **IP Address** and **Subnet Mask**
(e.g., 192.168.0.50 / 255.255.255.0).
5. (Optional) Provide the **Default Gateway** and **DNS Server** if internet/routing is needed.
6. Click **Add Profile** (or **Save Changes**).

4.2 Creating a Dynamic (DHCP) Profile

1. Select the target **Network Interface**.
2. Enter a **Profile Name** (e.g., Default DHCP / Auto).
3. Select **Obtain IP automatically (DHCP)**.
4. Click **Add Profile**.

4.3 Automatic Startup with Windows

To ensure your configured network profiles are always instantly accessible from the system tray upon booting your computer, **KeIP** includes an integrated automatic startup feature.

Enabling Auto-Startup

1. Open the **Settings** window (Right-click the KeIP tray icon → **select ⚙ Settings & Profiles**).
2. Check the box labeled "**Start KeIP automatically with Windows**" located above the action buttons.
3. The setting takes effect immediately.

5. Troubleshooting & FAQ

Q1: Why does Windows ask for Administrator approval when starting KeIP?

Modifying TCP/IP properties, subnets, and routing tables on Windows requires elevated privileges (requireAdministrator). Without this, Windows blocks changes to network hardware.

Q2: The tray icon is hidden behind the Windows taskbar arrow.

Drag the KeIP icon from the hidden tray overflow panel down onto the main taskbar area next to the clock so it remains permanently visible.

Q3: My settings didn't apply or the notification says "Configuration Failed".

- Ensure the target physical network cable is connected or Wi-Fi is enabled.
- Verify that another adapter isn't conflicting with the same static IP address on your local subnet.
- Confirm that no third-party endpoint security software is locking network adapter settings.

6. Technical Support

For questions, feature requests, or deployment assistance:

- **Product:** KeIP Network Profile Switcher
- **Author / Publisher:** DASK Technologies
- **Location:** Mumbai, India
- **Email:** connect@dasktech.com

7. Safety Commitment, Disclaimer & Limitation of Liability

7.1 Engineering & Safety Commitment

KeIP has been developed with utmost care, rigorous engineering standards, and thoroughly tested for operational safety and reliability. While every effort is made to provide a seamless, secure, and uninterrupted experience across modern Windows environments, users must acknowledge the low-level administrative nature of network modifications.

7.2 Terms of Use & Legal Disclaimer

KeIP is provided by **DASK Technologies** on an "*as is*" and "*as available*" basis, without warranties of any kind, whether express, statutory, or implied (including, but not limited to, implied warranties of merchantability, fitness for a particular purpose, or non-infringement).

- **User Responsibility:** Modifying network adapter configurations, IP addresses, subnets, gateways, or DHCP parameters directly affects device communications.

The user assumes full and sole responsibility for validating that all IP parameters are accurate and compatible with their local network infrastructure, hardware devices, and industrial controllers.

- **Exclusion of Damages:** In no event shall **DASK Technologies**, its developer, or affiliates be liable for any direct, indirect, incidental, special, consequential, or punitive damages whatsoever.
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