What Is It?

• Windows-based AREDN installer which automatically does most of the steps necessary to install firmware on supported Ubiquiti devices.
• Developed by Darryl K5DLQ
• Still in development testing stage
Why Do You Need It?

• You might not need it if you are already experienced with the current firmware installation procedures.
• For people new to AREDN firmware, the installer combines and simplifies many of the steps needed to complete the process.
• It may help you restore “bricked” devices if you can get them into TFTP mode.
• It simplifies your network connections during installation due to automatic Ethernet address changing on your computer.
Where Can You Get It?

• Still in the development testing stage
• When it is ready for release, it will be announced and available on the AREDN.org website
Features and Functions

- Downloads the current stable AREDN firmware and save the files on your computer
- Optionally downloads the current nightly builds
- Optionally downloads the stock factory firmware
- Since all of the downloaded firmware is stored locally, you can take this computer to a site without Internet access to install or update an AREDN device
- Tests the device to make sure it is supported
- Installs the correct firmware for your device
How to Use the AREDN Installer

- Use a computer with a wired connection to the Internet and a wired connection to the Ubiquiti device
- Run the AREDN Installer as Administrator
Run Installer as Administrator

Right Click the AREDN Firmware Installer Icon
User Account Control

Allow the installer to run

AREDN Firmware Installer
If a new version is available, you will get a message
Start Screen

You can choose to download a variety of firmware files.
Download Firmware

Click the boxes for your chosen firmware
Firmware Download in Progress

The green progress bar indicates download activity.
The status message at the bottom left indicates which files are being transferred.
When the download finishes, the Instructions tell you to connect your Ubiquiti device with an Ethernet cable.
Select Wired Ethernet and Test

Test the node to confirm it is ready to use

AREDN Support Status will show Green boxes for Supported and AirOS devices

Device picture will appear
Choose Firmware to Install

Select the firmware you will install

If AirOS is 5.6.x or newer, you can only load the nightly builds unless you downgrade to AirOS 5.5.x first. Then you can load 3.16.1.1

Make sure the node is in TFTP mode

Click Yes when ready
The green progress bar shows that firmware is being transferred to the node.
After upload completes, the node will reboot.

WAIT! It takes longer than you think for the LEDs to stop blinking!

It will be in the NOCALL state - ready to configure as normal
Demonstration

How To Put Your Ubiquiti Device Into TFTP Mode