How to set IP address on a Sigma Lite
If your Sigma Lite reader was manufactured after week 13 2017 the reader comes with a Static IP address of 192.168.1.10, also they would have some information in the box indicating the IP address.

How to tell the manufactured date:

*Example

1649SML000XXXX

The first two numbers are the Year, (*example)2016
The second two numbers is the week, (*example)49th week

This reader(*example) does not have a 192.168.1.10 address
Read the following on how to program with a Static IP address
Please Read

- If your Sigma was manufactured after Week 13 2017 these readers were set up statically as follows:
  - IP address 192.168.1.10
  - Subnet 255.255.254.0
  - Gateway 192.168.1.254

- You can use the Web browser to change the IP address
- You can connect to the reader with the Morpho Tool box to change the IP address

- The next pages are only for readers that need to be manually configured using the Tool Box
Equipment needed

- Female USB to Micro-USB Cable
  - *this cable must be straight through*

- Flash drive from 2 GB to 16 GB on USB 2.0
- SIGMA Lite will only read/write to USB drives formatted in FAT or FAT32
- POE Power or separate power
  - *POE=Power over Ethernet*
Software needed

- Morpho Tool Box 3.X.X and Higher
- Newer Tool boxes might be slightly differ tabs but has the same functionally

- Download it from [http://service.morphotrak.com/software-links.html](http://service.morphotrak.com/software-links.html)

- Unzip it and install on your PC
Launch Morpho Tool Box

- Click on the tab that says USB Script
- Morpho Tool box used is 4.2.3 but any MTB 3.X will also work
Tool Box, IP configuration

- Check Set IP configuration
- Click on the Static button

** If you do not know or have DNS information please put 0’s in place
Tool Box, write USB script

- Once you have set your configuration click on write to USB script
Tool Box, write USB script

- Browse to your Flash drive to write the script
Add configuration to Sigma Lite

- Separated plug from the USB port and plug in Micro USB to Female USB adaptor with Flash drive
With power to the Sigma Lite reader, when plug in Flash drive reader should flash and turn green and reboot.

Test with ping command afterwards
Other Information

- DHCP enable from factory with readers manufactured before week 13 2017.
- As soon as you plug it into a Switch it will assign a IP address
- If plug into a network use a IP scanner or talk to your IT department to located the Mac address of reader
- *if you have a Sigma Lite Plus you can verify IP address from LCD screen
Troubleshooting

- **Problem**: Reader does not accept IP address
  - **Solution**: leave Adaptor with Flash drive plug in and power cycle the reader

- **Problem**: Reader does not react when plug in Flash drive
  - **Solution**: USB Flash drive is not configure or not compatible or IP information is incorrect.

- **Problem**: Cannot connect to reader in Morpho Tool box
  - **Solution**: If change to L1 Legacy mode you will not be able to access reader with Morpho tool box

SIGMA Lite will only read/write to USB drives formatted in FAT or FAT32
Website

- Please visit Service@morphotrak.com for software, firmware, videos and PDF’s.