About this Guide
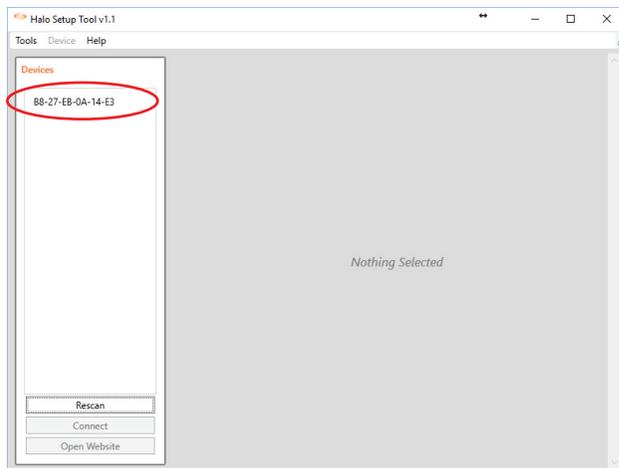
The HALO Quick Start Guide explains how to make initial connections and settings for new HALO Smart Sensor devices. The following are **prerequisites.**

1. One or more **HALO Smart Sensor** devices connected to a standard office network where the steps in the HALO Installation Procedure have been followed resulting in confirmation that the device is operating and physically connected to the network.

2. The network must be (at least temporarily) provided with a DHCP Server to provide initial IP Addresses.

3. If static addressing is planned, then the correct subnet mask, gateway address, and DNS address must be known.

4. An accessible Windows 10 PC (temporarily) connected to the same network must be available. This PC must have the Chrome browser installed and must have the HALO Setup Tool.exe copied to its desktop. The HALO Setup Tool does **not** require any installation.
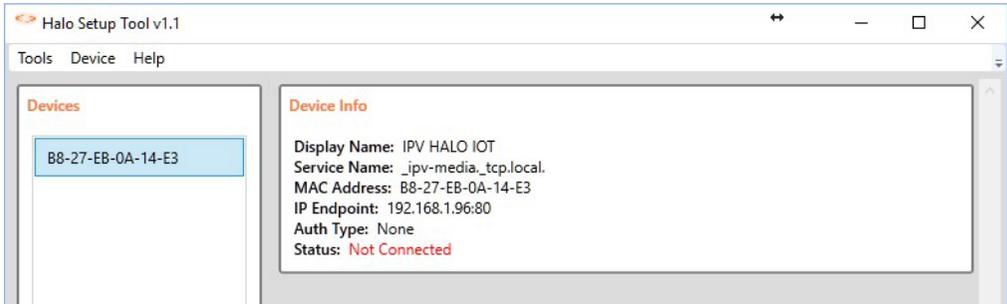

Finding the HALO Devices on the Network

Start the HALO Setup Tool on the PC by double clicking the program icon. The program scans the network looking for HALO Devices. After a few seconds, the MAC address of each HALO device should be displayed in the list at the left.

There should be an address for each HALO device on the network. The HALO Setup Tool does not scan beyond the local network subnet (such as 192.168.1.X for example). Devices on other subnets, even though physically connected, will not be seen.
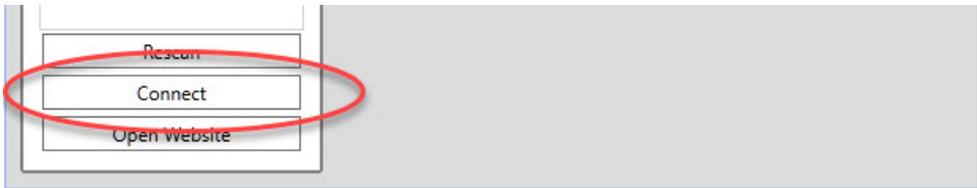
Connection to a HALO Device

Select the MAC address for the desired HALO device. A window showing the current device information will be displayed as shown below:

This selection also enables the Connect button shown below:

Click the Connect button, this will display the login dialog shown below:

The default Username is "admin" and the default password is the displayed MAC address entered with all upper case letters and no dashes, for example, B827EB0A14E3. Note that 0 is always numeric zero. Click OK to connect to the HALO device. Make note of this password as it is needed again later.

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Network Mode

When the connection is complete, the Network Info form will be displayed as shown to the right:

Network Info

Mode: ◉ Automatic ○ Static
IP Address:
Netmask:
Name Servers:
Routers:
Apply

Setting a Static IP Address

If the Mode is Automatic, this is likely a new Device. The Device may be left in DHCP (Automatic) Mode if the system administrator allows DHCP operation. If the Mode is Static, this Device has likely been previously setup with a Static IP address which will be displayed here.

This is the end of the usage of the HALO Setup Tool.

Web Browser Connection

Sign in
http://192.168.1.96
Your connection to this site is not private
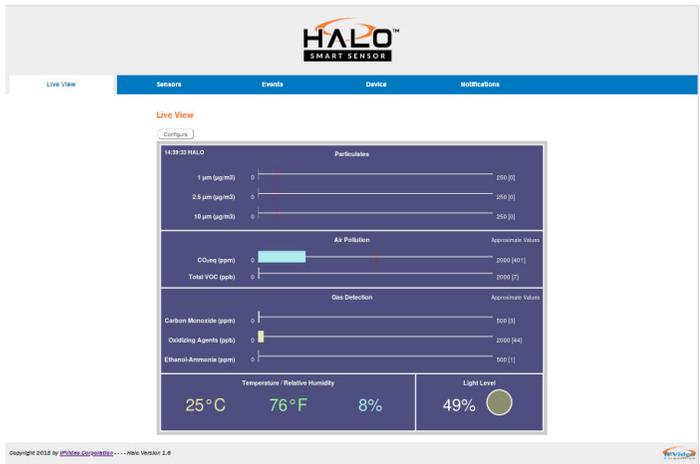Username
Password
Sign in   Cancel

Open the Chrome browser on the PC and type the HALO Device's DHCP or Static IP address into the browser's address bar. The Sign In dialog should be displayed as shown on the left. Type the Username and Password from the previous steps into the Sign In dialog and click Sign In.

The Live View tab should be displayed by default as shown to the right.

Make note of the firmware version displayed at the bottom of the page.

Live Tab

The Live View tab shows the current values detected by all the HALO Sensors and is a good place to check for overall functionality.

Setting a Static IP Address

If the facility network requires the use of Static IP Addresses, obtain the IP address, Sub-net Mask, Gateway, and DNS to be used for this specific Device, and follow these steps.

Click the Device tab to display the Network Configuration as shown below:

Live View	Sensors	Events	Device	Notifications

Network Configuration

Internet Protocol

Automatic (DHCP)	○ On ◉ Off
IP Address	192.168.1.96
Netmask	255.255.255.0
Routers	192.168.1.1
DNS	4.2.2.1

Save

Set the Automatic (DHCP) to Off to enable use of a Static Address
1. Enter the desired IP Address in the format shown.
2. Enter the Netmask (Sub-net Mask) in the format shown.
3. Enter the Router (Gateway) IP Address in the format shown.
4. Enter the DNS Server IP Address or Domain in the format shown.
5. Click Save to commit these settings.
6. Make note of all these values together with the MAC address of this HALO Device.

This HALO Device is now set to a Static IP Address.
This completes the Quick Start procedure for a new HALO Smart Sensor Device.