

# HALO Quick Start Guide

## About this Guide

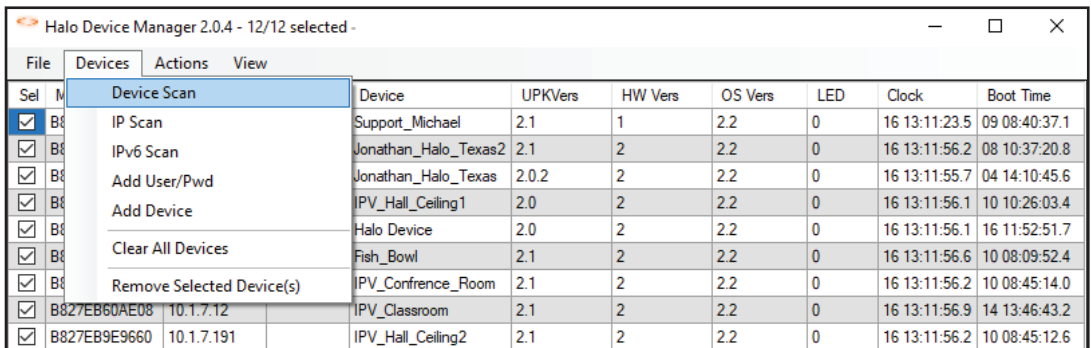
The HALO Quick Start Guide explains how to make initial connections and settings for new HALO Smart Sensor devices. The following are **prerequisites**.

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 connected to the same network with the Chrome web browser installed and must have the HALO Device Manager (HDM) installed, available at: [https://ipvideocorp.com/downloads/halo/fw/HALO\\_DevManSetup.2.0.exe](https://ipvideocorp.com/downloads/halo/fw/HALO_DevManSetup.2.0.exe)

## Finding HALO Smart Sensors on a Network

Start HALO Device Manager (HDM) on the PC by double clicking the program icon. Please refer to the HDM Guide for connection instructions, available at: <https://ipvideocorp.com/halo-downloads/>

There should be an IP address for each HALO device on the network (for example, 192.168.1.X ).



The screenshot shows the Halo Device Manager 2.0.4 application window. The title bar reads "Halo Device Manager 2.0.4 - 12/12 selected". The menu bar includes "File", "Devices", "Actions", and "View". A context menu is open over the "Devices" tab, listing options: "Device Scan", "IP Scan", "IPv6 Scan", "Add User/Pwd", "Add Device", "Clear All Devices", and "Remove Selected Device(s)". The main window displays a table of devices with columns for selection, device name, IP address, UPK version, hardware version, OS version, LED status, clock time, and boot time.

Device	UPK Vers	HW Vers	OS Vers	LED	Clock	Boot Time
Support_Michael	2.1	1	2.2	0	16 13:11:23.5	09 08:40:37.1
Jonathan_Halo_Texas2	2.1	2	2.2	0	16 13:11:56.2	08 10:37:20.8
Jonathan_Halo_Texas	2.0.2	2	2.2	0	16 13:11:55.7	04 14:10:45.6
IPV_Hall_Ceiling1	2.0	2	2.2	0	16 13:11:56.1	10 10:26:03.4
Halo Device	2.0	2	2.2	0	16 13:11:56.1	16 11:52:51.7
Fish_Bowl	2.1	2	2.2	0	16 13:11:56.6	10 08:09:52.4
IPV_Conference_Room	2.1	2	2.2	0	16 13:11:56.2	10 08:45:14.0
IPV_Classroom	2.1	2	2.2	0	16 13:11:56.9	14 13:46:43.2
IPV_Hall_Ceiling2	2.1	2	2.2	0	16 13:11:56.2	10 08:45:12.6

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## Connection to a HALO Smart Sensor

Navigate to the desired HALO by either selecting the HALO in HDM and Open Web Page from the Actions drop down menu (Chrome must be default browser) or navigating directly to the IP address in the Chrome web browser. The default Username is “admin” and the default password is “changeme”. Click OK to connect to the HALO device. Make note of this password as it is needed again later. HALO contains a security feature that requires a user to generate a new means of authentication before access is granted to the device for the first time. An END USER LICENSE AGREEMENT (EULA) has been provided at first login to every HALO to ensure proper utilization of the HALO software and present important terms, restrictions on use, limits on liability of IPVideo to the end-user, and other useful clauses. At logon the user will be required to add the end username, email address, organization and title to acknowledge.



Sign in  
http://10.100.210.44  
Your connection to this site is not private

Username

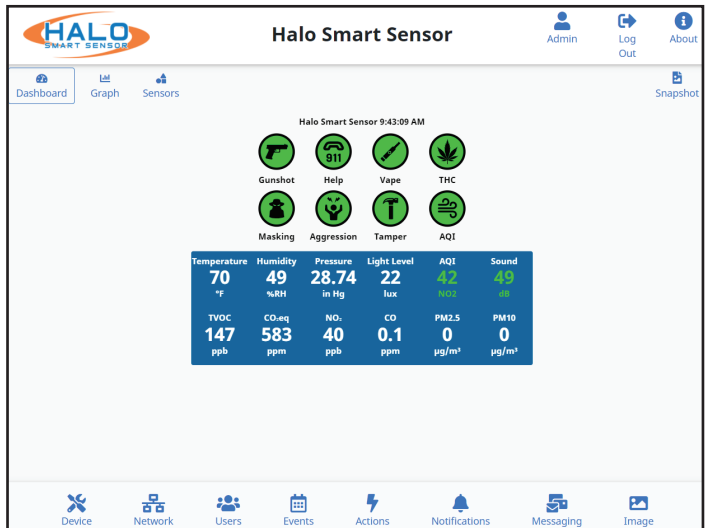
Password

[Sign in](#) [Cancel](#)

You will then be presented with the Dashboard of your HALO Smart Sensor.

From this dashboard you can navigate to various display and configuration pages including:

- Graph
- Sensors
- Device
- Network
- Users
- Events
- Actions
- Notifications
- Messaging
- Image
- About



**HALO SMART SENSOR**

Halo Smart Sensor 9:43:09 AM

Admin Log Out About

Dashboard Graph Sensors Snapshot

Gunshot Help Vape THC

Masking Aggression Tamper AQI

Temperature	Humidity	Pressure	Light Level	AQI	Sound
70 °F	49 %RH	28.74 in Hg	22 lux	42 AQI	49 dB

TVOC	CO-eq	NO	CO	PM2.5	PM10
147 ppb	583 ppm	40 ppb	0.1 ppm	0 µg/m³	0 µg/m³

Device Network Users Events Actions Notifications Messaging Image

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## Device Name

The Device Name is going to appear in every notification and is used to identify the location of the HALO.

Ex.: High School Boys West Bathroom  
Navigate to the Device page, type in the desired name and click the "Save Name" button.

## Device Management

### Device Name

## Network Configuration

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.

Set the Automatic (DHCP) to Off to enable use of a Static Address.

Enter the desired IP Address, Netmask (Sub-net Mask), & Router (Gateway) in the format shown.

Enter the DNS Server IP Address or Domain in the format shown.

Click "Save & Reboot" to commit these settings.

## Network Configuration

### Ethernet

Automatic (DHCP)

IP Address 10.100.210.45

Subnet Mask 255.255.255.0

Gateway 10.100.210.1

DNS 8.8.8.8

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## Setting up Notifications

The HALO uses SMTP (simple mail transfer protocol) or 3rd party API connections to send out alarms.

- You can use your own SMTP server.
- If you do not have an internal SMTP server, you can use a free Gmail account. We would recommend creating a separate Gmail account for your HALO units.
- Detailed setup instructions for your Gmail account are in our HALO Notifications Setup document located in the downloads section of our web site. There are specific settings that need to be activated within the account so be sure to follow the guide.

Multiple recipients can be added, when entering multiple they individual recipients are comma separated (see your service provider for email to text conversions).

Recipients can be emails and / or phone numbers:

ex: example@gmail.com, example2@gmail.com

ex: halo@ipvideocorp.com, 9171231234@txt.att.net

## SMTP Settings

Host	<input type="text" value="smtp.gmail.com"/>	Port	<input type="text" value="587"/>
Username	<input type="text" value="jonathantexashalo@gmail.com"/>	Password	<input type="password" value="*****"/>
Security	<input checked="" type="radio"/> Normal <input type="radio"/> High (port 465 only)		
Sender	<input type="text" value="jonathantexashalo@gmail.com"/>		
Recipients	<input type="text" value="sales@ipvideocorp.com,6319692601@txt.att.net"/>		
<input type="button" value="Save &amp; Test Connection"/>		<input type="checkbox"/> Also send test email(s)	