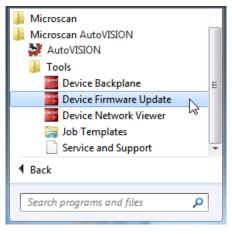
OMRON MICROSCAN

MicroHAWK MV Engine Firmware Update Guide

AutoVISION's simple **Device Firmware Update** feature makes it easy to download and install firmware on your camera.

To download and install firmware:

1. Navigate to Windows Start Menu > Programs > Microscan AutoVISION > Device Firmware Update.



2. After you click Device Firmware Update, the Smart Camera Firmware Update Tool will appear. Select your camera from the Please Select a Smart Camera to Update dropdown menu.

Note: Only cameras on the same network as your PC will be visible in this menu.

Once you have selected your camera, its identifying details, such as **Model**, **Firmware Version**, **MAC Address**, **IP Address**, **Status**, and **PC Version** will be displayed.

Smart Camera Firmware	Update Tool
Please Selec	t A Smart Camera to Update
122112	-
	WVGA
	Build 10 UPDATE RECOMMENDED
	00:08:43:12:21:12 192:168.1.12 [mask: 255.255.255.0]
	Bunning
PC Version	
Select the F Build 17	irmware Version
Exit	Update Firmware
LAIL	opullerinnware

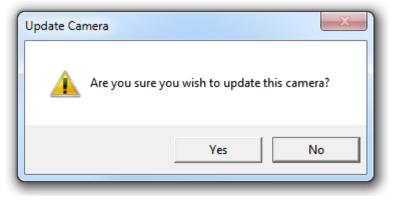
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3. Select the desired version of firmware from the **Select the Firmware Version** dropdown menu. This menu will list all the firmware versions on your PC.

Note: The firmware versions shown in this document are representative examples and may not necessarily reflect what you see on the dropdown menu.

4. Click the Update Firmware button.

A dialog will appear asking Are you sure you wish to update this camera? Click Yes.



If a username and password have been defined for the camera, a second dialog will then appear prompting you for your username and password.

Important: The username and password are both case-sensitive. Click **OK** after you have entered your username and password to begin the download and install process.

5. Login to Device Vision1		
User Name: Password:		
ОК	Cancel	

The firmware update process may take several minutes.

Smart Camera Firmware Update Tool		
Please Select A Smart Camera to Update		
122112	*	
Model	WVGA	
Firmware Version	Build 10 UPDATE RECOMMENDED	
MAC Address	00:0B:43:12:21:12	
IP Address	192.168.1.12 [mask: 255.255.255.0]	
Status	Updating Firmware	
PC Version	Build 17	
Select the Firmware Version		
Build 17	*	
1	Transfering update to camera (Stage 1 of 4)	
Do not	Do not power down or disconnect camerall	
Exit	Update Firmware	

Once the firmware is downloaded and installed, the camera will reboot.

Smart Camera Firmware	Update Tool
Please Selec	at A Smart Camera to Update
122112	
1.22.1.2	
Model	WVGA
	Build 10 UPDATE RECOMMENDED
MAC Address	00:0B:43:12:21:12
IP Address	192.168.1.12 [mask: 255.255.255.0]
	Updating Firmware
PC Version	Build 17
Salaat the E	irmware Version
Select the F	Irmware version
Build 17	·
Update	Complete - Rebooting Smartcamera (Stage 4 of 4)
Exit	Update Firmware

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5. When the entire firmware update process is complete, click the Exit button to close the utility.

Smart Camera Firmware	Update Tool		
Please Selec	Please Select A Smart Camera to Update		
122112	•		
Model	WVGA		
Firmware Version	Build 17 No Update Needed		
MAC Address	00:0B:43:12:21:12		
IP Address	192.168.1.12 [mask: 255.255.255.0]		
Status	Running		
PC Version	Build 17		
Build 17	•		
	Update Successful		
	_		
Exit	Update Firmware		

Firmware Compatibility

Note that the camera's firmware version must match the version of Visionscape being used to manipulate a job on the PC. The following dialog will appear if the firmware and software versions do not match.

Incom	patible firmware
•	The version of the firmware loaded on this camera does not match the version installed on your computer. Please update the firmware before downloading a job to the camera.
Click view	c 'OK' to monitor the existing job on the camera. Click 'Cancel' to stay in this
	OK Cancel