June 2023

# Firmware Update for Cameras: V2002B-W313MIR, V2002D-W313MIR, V2002D-W28IR

## **General Description**

Vicon has released firmware for production for the cameras listed below.

The accompanying PRONTO Device Manager Software V2.18 is available on Vicon's website.

This camera and firmware version have been tested and validated with Vicon's Valerus VMS and with ViconNet V8.x.

Camera	Product Code	Older Firmware	Newest Firmware
V2002B-W313MIR V2002D-W313MIR V2002D-W28IR	10554-00 10553-00 10555-00	VCAM3LM.01.00.1.6.5839	VCAM3LM.01.00.1.6.5840

## **Vicon Production**

The latest firmware and discovery tool are available on Vicon's website. A link is provided in the installation section of this document. Manufacturing will start using the new firmware for new camera production.

Updating is recommended for cameras intended to work with Vicon's Valerus VMS or other ONVIFbased VMS systems.

For other applications, please review these release notes to help determine if the fixes included are relevant to your environment.

Please review the upgrade instructions described at the end of this document.



## **New Features**

### **Motion Detection**

Motion is now enabled by default for the entire scene for rapid deployment.

## Mounting/Unmounting SD card.

A control has been added to allow mounting and unmounting an SD card.

#### **Memory Management**

The memory management makes more efficient use of the flash memory. When SD recording is used, the record database index is stored on the SD card.

## Installing the Updated Firmware

The latest firmware is available on Vicon's website from the Software Downloads page. A link is provided below. http://www.vicon-security.com/software-downloads-library/vicon-camera-software/

Download the firmware to your PC. Unzip the file.

There are two options to install the new firmware in the camera:

- Using web interface of the camera, uploading the firmware directly into the device.
- With PRONTO Device Manager Software that can be installed on a PC.

## **Camera Web Interface**

In the camera web interface, under Configuration > System > Firmware, press "Choose File" under "Firmware Upload" and select the downloaded firmware file. Then press "Upload" to start the update. The camera will install the update and reboot with the new firmware version:

<b>₩ VICON</b>		Network Camera					
Live View   Playback   Co	nfiguration   English	<b>▼</b>					
Advanced Configuration	Date & Time Audio Firmware	Initialization Advanced Security OSD					
Encode	Firmware Version	01.02.1.13.6387					
lmage	Hardware Version	0000-A1.1-01119					
Video	Main MCU Firmware	3.5					
Network	Version						
System 🕨 🕨	Product Name	V2002D-PTZ					
Account	Serial Number	T02502707					
Event Source	MAC Address	00:06:68:72:4e:ab					
Video Analytics	Eirmware Upload						
Event Setting	Filliware opload						
PTZ Settings	Choose File VCAM3LM.01.02.1.13.6387.dat Upgrade						
Up Up Up Up Up Up Up Down							

# Using PRONTO Device Manager Software

PRONTO is Vicon's device manager tool that can be used to discover all Vicon cameras in a network. This standalone single discovery tool running on a PC, allows users to discover cameras in the network, configure network parameters and update camera firmware (single camera, or in batch)

Pronto Device manager can be downloaded from Vicon's website: <u>https://www.vicon-security.com/software-downloads-library/pronto-device-manager-software/</u>

Pronto Device manager user guide can be found here:

https://www.vicon-security.com/wp-content/uploads/2022/08/Vicon-Pronto-Device-Manager\_User-Guide.pdf

¥ VICON - 2.10	PRONTO Device Manager _ 🗌 🗡						
VICON Change Credentials							
Show	Model Number	Name	MAC Address	IP Address	Firmware Version	Status	
V All V IP Device V ONVIF Device	V2002D-PTZ	VICON-V2002D-PTZ-T02	00:04:7d:27:b7:bc	192.168.2.38	01.02.1.13.5766		
P.Filter	V2005D-W28IR	VICON-V2005D-W28IR-S	54:6d:52:00:65:23	192.168.2.45	01.00.1.8.5825		
	V2008-W-NL	VICON-V2008-W-NL-S02	54:6d:52:00:65:2e	192.168.2.39	01.00.1.12.5158		
Search	V2020-WIR-360P	VICON_V2020-WIR-360P		192.168.2.36		Not Authorized	
□- V Name (9) C Refresh	V2102B-W28IR	VICON-V2102B-W28IR-S	54:6d:52:00:65:71	192.168.2.37	01.00.0.11.5001		
	V2360W-12	VICON-V2360W-12-S021		192.168.2.44		Not Authorized	
	V2360W-12-1	VICON-V2360W-12-1-S1	00:06:68:72:5d:b0	192.168.2.34	01.00.0.10.5768		
	V8360W-12	V8360W-120007D82FB5		192.168.2.35		Not Authorized	
✓ V2102B-W28iR (1)	V-CELL-HD-B	V-CELL-HD-B0007D81A1		192.168.2.53		Not Authorized	
	† o ⊂ Device Properties		Wetwork Settings		Firmware		
E-√ V8360W-12 (1)							
Ē-√ v-cell-HD-B (1)							

To update firmware on one or more cameras:

- Scan the network and find the camera model that needs a firmware update.
- Enter valid credentials for the camera that needs a firmware update.
- Select camera(s). (More cameras can be selected that use the same firmware file.)
- Press the "Upload Firmware File" button; load the new firmware into Pronto.
- Press "Upgrade Device" and select the new firmware file just loaded into Pronto.
- Press Apply. The new firmware is now uploaded to the selected camera(s).
- Allow some time for the camera(s) to reboot after the firmware is uploaded.
- Press "Refresh" and verify the camera(s) are now listed with the new firmware version.