



Release Notes

March 2021

Initial Firmware for V1020-WIR-360 Multi-Sensor Camera

General Description

Vicon has released initial firmware for production for the camera listed below.

The accompanying Vicon IP Finder discovery tool that needs to be used with this firmware release is version 1.0.9. It can be downloaded from Vicon's website.

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

Camera	Older Firmware	Newest Firmware
V1020-WIR-360	n/a	fw_cam59A_01.00.0038

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 use the new firmware for new camera production.

Some earlier pre-productions units may have older firmware. Updating is recommended for cameras intended to work with Vicon's Valerus VMS or other ONVIF-based VMS systems. For other applications, please review the 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.



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Known Issues

Smart GOP

The V1020-WIR-360 has a video codec compression feature called "Smart GOP." ViconNet is unable to properly decode video with Smart GOP and will show erratic playback when this feature is enabled. When the camera is used with ViconNet, it is recommended to leave Smart GOP disabled. Valerus will work correctly with Smart GOP.

Motion Detection

The V1020-WIR-360 camera has 4 individual cameras, and Motion Detection can be configured for each camera individually. ViconNet is unable to differentiate between Motion Alarms from each of the 4 cameras; it will report each Motion Alarm as coming from Camera 1, regardless where the alarm was triggered. This limitation only exists in ViconNet; Valerus will detect motion from each camera individually.

