Intel® RealSense™ Depth Camera Manager (DCM) 3.4

Release Notes

October 2020

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Revision History

Description	Revision Date
DCM 3.4.98.4970	October2020

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1   Preface

This document is an update to the release of the Intel® RealSense™ Depth Camera Manager.

This document may also contain information that was not previously published.

The Intel® RealSense™ Depth Camera Manager (DCM) system is intended to expose interface to streaming video from a depth camera, for both color and depth.

1.1   Components

Component	Details
Intel® RealSense™ Depth Camera Manager Service	The camera service is a Microsoft* Windows* based service that runs on the client machine. The camera service allows multiple Intel RealSense SDK applications and a single non SDK application to access data from the camera simultaneously, without blocking each other.
Intel® RealSense™ 3D Camera Virtual Driver	The camera virtual driver is a Microsoft Windows based AVStream driver that runs on the client machine. The camera virtual driver allows non-SDK application to access camera streams as if they are connecting directly to the camera and without blocking other SDK applications.

1.2   Hardware Requirements

- 6th generation Intel® Core™ processor
- 150 MB free hard disk space, 4GB RAM
- Intel® RealSense™ SR300 3D Camera
- A free USB 3 port for the Intel® RealSense™ 3D Camera, or a dedicated connection for integrated camera.

    IMPORTANT NOTE: To support the bandwidth needed by the camera, a USB3 interface is required. This interface must be connected to a dedicated USB3 port within the client system (do not use a hub).

1.3   Installation

- Remove Intel® RealSense™ Depth Camera Manager from Programs and Features if it is present on the system and reboot the system
- Option #1 – Install via .EXE installer
- Option #2 – Install via .INF installer

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2 Summary Table of Changes

Table 2-1. Resolved/Known Issues Summary Table

Number	Status	Description
N/A	Fixed in DCM 3.3	Windows Hello performance and stability improvements
N/A	Fixed in DCM 3.3	External Trigger – Support for triggering depth frames from external hardware
N/A	Fixed in DCM 3.3	Windows Hello face enrolment might stop when starting Windows Camera application
N/A	Fixed in DCM 3.3	DCM service might freeze after rapidly restarting camera streaming in parallel to setting camera properties (stress conditions)
N/A	Fixed in DCM 3.3	FW not updated for additional camera if DCM is already installed
N/A	Fixed in DCM 3.3	Installer: Version was not updated in attributions.rtf file of DCM installer
N/A	Fixed in DCM 3.3	Computer restart is required after installation through INF when 2 SR300 cameras connected
N/A	Fixed in DCM 3.3	Installer: Localization issues with languages other than English
N/A	Fixed in DCM 3.3	If SR300 camera is connected to the same USB3.0 as the previous SR300 camera, the second camera's FW is not upgraded
N/A	Fixed in DCM 3.3	Delay when closing the stream/camera after camera unplug while streaming
N/A	Known Limitation	IR stop working after improve recognition while select camera on skype that using Depth camera
N/A	Windows Limitation	Windows Hello might not work when a DCM of more than one camera type is installed
N/A	Known Limitation	Low FPS with multi SDK applications If an application is not working properly, leave only the required application open
N/A	Known Limitation	Depth device might disappear from Device Manager if shutting down the system during driver update
N/A	Known Limitation	When SDK application updates a property the new value is not updated in Universal App Close the app and open a new Universal app
N/A	Known Limitation	FW Upgrade can be done for up to two cameras that are connected
N/A	Known Limitation	Replacing the camera while DCM is being installed is not supported Uninstall DCM and remove the following key from registry: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Intel\RSSDK\Components\dcmservice_sr300\IntegratedCamera

Table 2-2. New Features in This Release

Number	Feature
N/A	Installer will block downgrade to a lower or equal DCM version

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