

Request #: HUTRR72
Title: Usages to control camera access
Spec Release: 1.12
Pages Affected: Consumer Controls 0x0C
Received:
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Required Voter: Wacom
Required Voter: nVidia
Required Voter: Apple

Summary:

The proposal is to add a set of new Usage IDs to the Consumer Page (0x0C) to control programmatic access to all camera devices connected to a computer. This function is currently not addressed by the HID usage tables for camera controls.

Background:

Most PCs support some level of access control to camera devices, but no standardized system of usages is in place to support controlling this access. Typically a user would have to navigate various Settings dialogs to restrict programmatic access to the cameras connected to a system. These new usages would provide a standardized way to enable or disable access to the cameras on a system, as well as to toggle the current state of access control.

Proposal:

Add the following to section 15, Table 17: Consumer Page

Usage ID	Usage Name	Usage Type
(0x76)	Camera Access Enabled	OOC
(0x77)	Camera Access Disabled	OOC
(0x78)	Camera Access Toggle	OOC

Change the following to section 15, Table 17: Consumer Page

Usage ID = 0x6F-0x7F
Usage Name = Reserved

To:

Usage ID = 0x79-0x7F
Usage Name = Reserved

Add the following to the descriptions below Table 17: Consumer Page

Usage Name	Description
Camera Access Enabled (OOC)	Enables programmatic access to camera devices.
Camera Access Disabled (OOC)	Disables programmatic access to camera devices.
Camera Access Toggle (OOC)	Toggles the current state of the camera access control.