

### **Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Based on information presently available, Advanced Coding Technologies LLC (“ACT”) contends that Defendant Apple Inc. (“Defendant” or “Apple”) infringe Claims 1-5 and 7 (the “Asserted Claims”) of U.S. Patent No. 8,230,101 (the “’101 Patent”) through the Accused Products which are manufactured, sold, offered for sale, and/or used by Apple.

Representativeness: Each Accused Product that is compatible with Apple HomeKit Secure Video, including at least Apple products such as Apple TV, HomePod, or iPad, is representative of other Accused Products for the purposes of infringement of the ’101 Patent. Based on publicly available information, ACT believes each Accused Product shares substantially the same structure and functionality with respect to the components which are relevant to infringement given that, among other things, the listed products all purport to support Apple HomeKit Secure Video.

Apple directly infringes each of the Asserted Claims by using, importing, testing, selling, and/or offering for sale the Accused Products in violation of 35 U.S.C. § 271(a).

Apple indirectly infringes the Asserted Claims in violation of 35 U.S.C. § 271(b) by inducing third parties, including its users and/or customers, to directly infringe through their operation and use of the Accused Products. Apple has knowingly and intentionally induced this direct infringement by, *inter alia*, (i) selling, importing, or otherwise providing the Accused Products to third parties with the intent that the Accused Products will be operated and used in a manner that practices the Asserted Claim; and (ii) marketing and advertising the Accused Products. Apple’s marketing and promotional materials for the Accused Products are found, for example, on Apple’s website, and in App stores of operating systems for which the Accused Products are made available. For example, Apple’s website offers customers instructions and/or manuals for the Accused Products that instruct customers to, among other things, use the accused functionality in the Accused Products. Apple’s website also offers support to customers, including instruction to, among other things, use the Accused Products. On information and belief, Apple knows that its actions will result in infringement of the Asserted Claims, or subjectively believes that there is a high probability that its actions will result in infringement of the Asserted Claims but has taken deliberate actions to avoid learning these facts.

Plaintiff contends that the Accused Products perform each step of the claimed methods. Plaintiff contends that use, testing, and qualification of the Accused Products by Apple itself, as well as use by customers and end-users of the Accused Products, perform each step of the claimed methods. On information and belief, backend servers, under the direction and control of the Accused Products, may perform certain steps of the claimed methods. Apple, its customers, and users of the Accused Products derive benefits from their infringement.

On information and belief, the charted version of Apple’s products is representative of all versions of the Accused Products, including all variants of the Accused Products made, sold, offered for sale, or used on any operating system.

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

ACT does not concede that any claims of the '101 Patent that are not listed below are not infringed by the identified Accused Products. Moreover, the citations to certain documents and other information below are intended to be exemplary only and in no way foreclose ACT from citing or relying on additional documents, information, source code, and/or testimony at a later time. These contentions are preliminary in nature, and an analysis of Apple's products, internal documentation, source code, and/or testimony from relevant witnesses may more fully and accurately describe the infringing features of its Accused Products. Accordingly, ACT reserves the right to supplement, correct, modify, and/or amend these contentions once such additional information is made available to ACT. Furthermore, ACT reserves the right to supplement, correct, modify, and/or amend these contentions as discovery in this case progresses; in view of the Court's claim construction order(s); in view of any positions taken by Apple including, but not limited to, positions on claim construction, invalidity, and/or non-infringement; and in connection with the preparation and exchange of expert reports.

The contents of every below claim cell on which another claim cell depends are expressly incorporated by reference in that dependent cell, as if set forth in their entirety therein.

Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple's Accused Products
<p>[1P] A server device for media, the server device for media comprising:</p>	<p>The Apple Accused Products are each: A server device for media, the server device for media. Apple directly infringes by using, importing, testing, selling, and/or offering for sale devices having the Apple Accused Products.</p> <p>For example, Apple Accused Products allow users to securely monitor and record activity around their home using compatible cameras, such as Eve Cam. Eve Cams (i.e., server device) provide video surveillance to monitor a user's home, and record events that can be viewed in the Apple Home App via iCloud. In this smart home setup, the Eve Cam is connected to a central hub (i.e., internal storage device) which stores and forwards the recorded events to other Apple devices.</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p>HomeKit™ is Apple's home automation platform for controlling smart home products using iOS apps and Siri® voice commands. HomeKit is automatically included in the operating system of all iPhone, iPad, and iPod Touch devices with iOS 8 or later.</p> <p>“What is HomeKit™?,” at 1 (available at <a href="https://support.iddevicesinc.com/hc/en-us/articles/360000300468-What-is-HomeKit">https://support.iddevicesinc.com/hc/en-us/articles/360000300468-What-is-HomeKit</a>)</p>

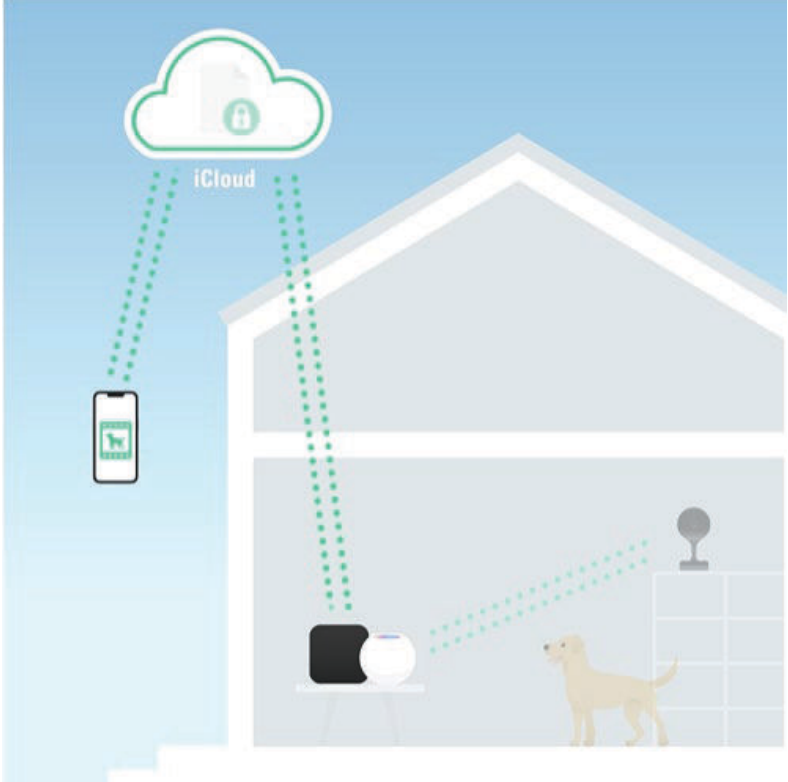
**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<div data-bbox="711 653 1179 1062" data-label="Image">The image shows two items side-by-side. On the left is a black, circular Eve Cam security camera with a lens in the center and a blue light indicator. On the right is an iPhone displaying the 'My Home' app interface, which includes sections for 'Cameras', 'Scenes', and 'Entry'.</div> <p data-bbox="386 1192 1487 1335">“Smart Home Accessories: Eve Cam,” at 1 (available at <a href="https://www.apple.com/shop/product/HR202ZM/A/eve-cam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b">https://www.apple.com/shop/product/HR202ZM/A/eve-cam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p><b>Overview</b></p> <p>With Eve Cam, you can easily keep a close eye on your home around the clock and protect the privacy of your personal space in the process. Receive rich notifications on your iPhone immediately when something is up in your home. Eve Cam is designed exclusively for Apple HomeKit Secure Video and was built from the ground up to protect your privacy. You decide if you want to record every motion automatically or distinguish between people and pets – regardless of whether you’re at home or not. The data is analyzed securely in your home, not in the cloud.</p> <p><b>System Requirements</b></p> <p>Operating System: iPhone or iPad with the latest version of iOS/iPadOS            Requirements Other: HomePod or Apple TV (4th generation or later) as a home hub; Wi-Fi network (2.4/5 GHz 802.11a/b/g/n); Apple iCloud+ storage plan (not included).</p> <p>“Smart Home Accessories: Eve Cam,” at 2-3 (available at <a href="https://www.apple.com/shop/product/HR202ZM/A/eve-cam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b">https://www.apple.com/shop/product/HR202ZM/A/eve-cam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	 <p>The diagram illustrates a system architecture for secure video storage. At the top, a cloud icon labeled 'iCloud' contains a padlock symbol, indicating encrypted storage. Below the cloud, a smartphone is shown with a green padlock icon on its screen. Dotted green lines represent data flow: one line connects the smartphone to the iCloud cloud, and another connects the iCloud cloud to a home security camera system. The camera system is depicted inside a house, featuring a black camera unit on a table and a white camera unit on a shelf. A dog is also present in the room. Dotted green lines also connect the camera units to each other, suggesting a local network or direct communication.</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p data-bbox="475 604 1398 632">“Eve Cam: Secure Indoor Camera,” at 5 (available at <a href="https://www.evehome.com/en/eve-cam">https://www.evehome.com/en/eve-cam</a>)</p> <p data-bbox="496 730 862 762"><b>HomeKit camera security</b></p> <p data-bbox="496 783 1365 1083">Cameras that have an Internet Protocol address (IP address) in HomeKit send video and audio streams directly to the iOS, iPadOS, tvOS, and macOS device on the local network accessing the stream. The streams are encrypted using randomly generated keys on the device and an Internet Protocol camera (or IP camera), and they’re exchanged over the secure HomeKit session to the camera. When a device isn’t on the local network, the encrypted streams are relayed through the home hub to the device. The home hub doesn’t decrypt the streams; it functions only as a relay between the device and the IP camera. When an app displays the HomeKit IP camera video view to the user, HomeKit renders the video frames securely from a separate system process. As a result, the app is unable to access or store the video stream. In addition, apps aren’t permitted to capture screenshots from this stream.</p> <p data-bbox="386 1188 1487 1257">“Apple Platform Security,” at 228 (available at <a href="https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf">https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p data-bbox="444 625 1403 737"><b>Set up your HomePod, HomePod mini, Apple TV, or iPad as a home hub</b></p> <p data-bbox="444 768 1425 863">You need a home hub to control your HomeKit and Matter accessories while you’re away from home, share control of your accessories with others, and automate your accessories to do what you want, when you want.</p> <p data-bbox="444 888 1414 968">You must set up a home hub to add Matter accessories to the Home app. Thread-enabled Matter accessories require a Thread-enabled home hub, such as HomePod mini or Apple TV 4K (3rd generation) Wi-Fi + Ethernet, or a supported third-party border router.</p> <p data-bbox="480 1026 1395 1094">“Set up your HomePod, HomePod mini, Apple TV, or iPad as a home hub,” at 1 (available at <a href="https://support.apple.com/en-us/102557">https://support.apple.com/en-us/102557</a>)</p> <p data-bbox="397 1192 683 1220">Secure recording history.</p> <p data-bbox="397 1251 1500 1360">Only when your criteria are met, a recording is stored securely and fully encrypted in your iCloud. The key to unlock the recordings resides exclusively on your personal devices – your iPhone, iPad, or Mac using the same iCloud account. When you access a recorded clip, it is decrypted locally on the fly, in a secure process that’s only available to the Apple Home app.</p> <p data-bbox="412 1407 1459 1459">“How HomeKit Secure Video works,” at 2 (available at <a href="https://www.evehome.com/en/blog/how-homekit-secure-video-works">https://www.evehome.com/en/blog/how-homekit-secure-video-works</a>)</p>


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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[1A] an internal storage device for storing digital contents, wherein the server device for media responds to a data transmission request from a network player by stream-delivering corresponding data in corresponding digital contents from the internal storage device to the network player during connection to a network;</p>	<p>The Apple Accused Products comprise: an internal storage device for storing digital contents, wherein the server device for media responds to a data transmission request from a network player by stream-delivering corresponding data in corresponding digital contents from the internal storage device to the network player during connection to a network.</p> <p>For example, users can access and watch the events recorded by Eve Cam on their Apple devices, such as laptops, tablets, or smartphones (i.e., network player) over a Wi-Fi network connection. The Eve Cam recording can be viewed on mobile devices via the Apple Home app. When a user selects to view recording from a particular camera in their home by tapping on ‘indoor cam’, in the Apple Home application on their mobile device, a request for viewing the recorded contents is generated and sent to the indoor Eve Cam. The Eve Cam then provides the required data, and the recorded event is streamed on the user's display devices.</p>


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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<div data-bbox="716 709 894 1052" data-label="Image"> </div> <div data-bbox="980 648 1175 1052" data-label="Image"> </div> <p data-bbox="386 1184 1487 1325">“Smart Home Accessories: Eve Cam,” at 1 (available at <a href="https://www.apple.com/shop/product/HR202ZM/A/eve-cam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b">https://www.apple.com/shop/product/HR202ZM/A/eve-cam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b</a>)</p>


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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	 <p data-bbox="548 997 1328 1066">“Apple HomeKit Secure Video Beginners Guide! (2024),” at 2:51 (available at <a href="https://www.youtube.com/watch?v=sgAdH DU6h_w">https://www.youtube.com/watch?v=sgAdH DU6h_w</a>)</p>

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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	 <p data-bbox="548 999 1328 1073">“Apple HomeKit Secure Video Beginners Guide! (2024),” at 9:49 (available at <a href="https://www.youtube.com/watch?v=sgAdHDU6h_w">https://www.youtube.com/watch?v=sgAdHDU6h_w</a>)</p>

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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	 <p data-bbox="548 995 1328 1066">“Apple HomeKit Secure Video Beginners Guide! (2024),” at 9:59 (available at <a href="https://www.youtube.com/watch?v=sgAdHDU6h_w">https://www.youtube.com/watch?v=sgAdHDU6h_w</a>)</p>

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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<div data-bbox="647 604 1222 1171" data-label="Diagram"> <p>The diagram illustrates the system architecture for the Eve Cam. It shows an iPhone on the left connected via a dotted line to an iCloud cloud icon at the top. The iCloud cloud is connected via dotted lines to an Eve Cam camera inside a house. The camera is connected via dotted lines to a HomePod or Apple TV hub, which is also connected via dotted lines to the iPhone. A dog is shown in the house, and a light fixture is visible on a shelf.</p> </div> <p data-bbox="472 1205 1398 1234">“Eve Cam: Secure Indoor Camera,” at 5 (available at <a href="https://www.evehome.com/en/eve-cam">https://www.evehome.com/en/eve-cam</a>)</p> <p data-bbox="410 1304 581 1360"><b>System Requirements</b></p> <p data-bbox="683 1304 1446 1388">Operating System: iPhone or iPad with the latest version of iOS/iPadOS Requirements Other: HomePod or Apple TV (4th generation or later) as a home hub; Wi-Fi network (2.4/5 GHz 802.11a/b/g/n); Apple iCloud+ storage plan (not included).</p>

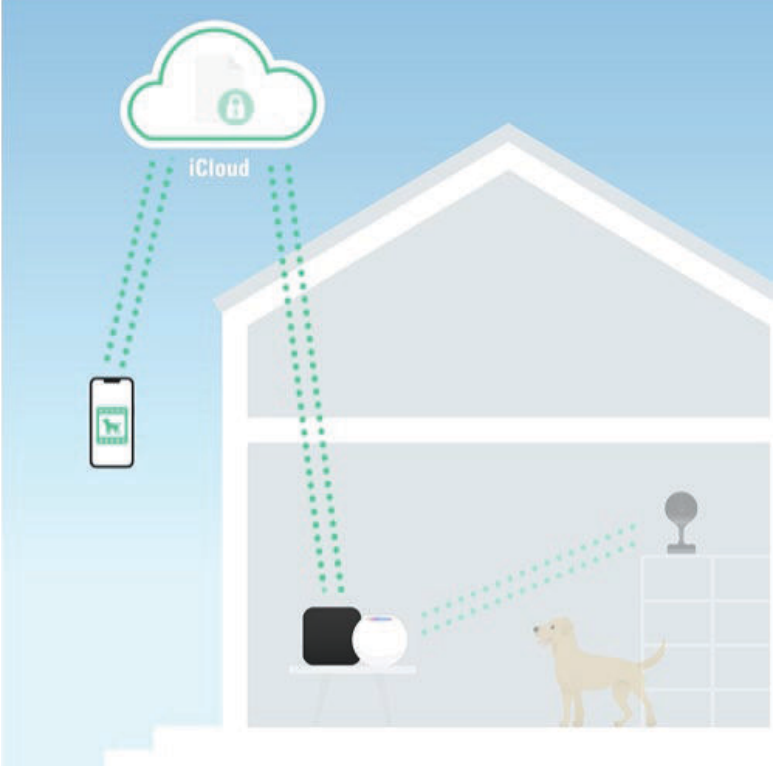
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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p>“Smart Home Accessories: Eve Cam,” at 3 (available at <a href="https://www.apple.com/shop/product/HR202ZM/A/evercam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b">https://www.apple.com/shop/product/HR202ZM/A/evercam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b</a>)</p> <p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[1B] a transfer control unit adapted to transfer and store part of held digital contents in the internal storage device to a network storage device, wherein the network storage device is connected to the network and is capable of storing data, and wherein said transfer control unit does not transfer, from the internal storage device to the network storage device, the digital contents that cannot</p>	<p>The Apple Accused Products comprise: a transfer control unit adapted to transfer and store part of held digital contents in the internal storage device to a network storage device, wherein the network storage device is connected to the network and is capable of storing data, and wherein said transfer control unit does not transfer, from the internal storage device to the network storage device, the digital contents that cannot be recovered if a network failure occurs during the transferring of the digital contents from the internal storage device to the network storage device.</p> <p>For example, the recorded clips from Eve Cam are transferred to the iCloud (i.e., network storage device) via the hub device. The iCloud stores Eve Cam’s video history which users can view through Apple’s Home app. Users can then access and watch the events recorded by Eve Cam on their Apple devices, such as such as laptops, tablets, or smartphones. The recorded events are not transferred when there’s a power cut or when the Wi-Fi connectivity goes down.</p>


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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
<p>be recovered if a network failure occurs during the transferring of the digital contents from the internal storage device to the network storage device;</p>	<p align="center"><b>HomeKit camera security</b></p> <p>Cameras that have an Internet Protocol address (IP address) in HomeKit send video and audio streams directly to the iOS, iPadOS, tvOS, and macOS device on the local network accessing the stream. The streams are encrypted using randomly generated keys on the device and an Internet Protocol camera (or IP camera), and they’re exchanged over the secure HomeKit session to the camera. When a device isn’t on the local network, the encrypted streams are relayed through the home hub to the device. The home hub doesn’t decrypt the streams; it functions only as a relay between the device and the IP camera. When an app displays the HomeKit IP camera video view to the user, HomeKit renders the video frames securely from a separate system process. As a result, the app is unable to access or store the video stream. In addition, apps aren’t permitted to capture screenshots from this stream.</p> <p>“Apple Platform Security,” at 228 (available at <a href="https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf">https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf</a>)</p>

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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	 <p data-bbox="472 1402 1398 1434">“Eve Cam: Secure Indoor Camera,” at 5 (available at <a href="https://www.evehome.com/en/eve-cam">https://www.evehome.com/en/eve-cam</a>)</p>


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	<div style="text-align: center;">  </div> <p>“Smart Home Accessories: Eve Cam,” at 1 (available at <a href="https://www.apple.com/shop/product/HR202ZM/A/eve-cam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=ℙ%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b">https://www.apple.com/shop/product/HR202ZM/A/eve-cam?fnode=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=ℙ%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b</a>)</p> <p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
[1C] a list information transmission unit adapted to respond	The Apple Accused Products comprise: a list information transmission unit adapted to respond to a list presentation request for the held digital contents of the server device for media from the network player by transmitting list information to the network player, wherein the list information lists the digital contents left in the internal storage device and the digital contents transferred from the internal storage device to the network

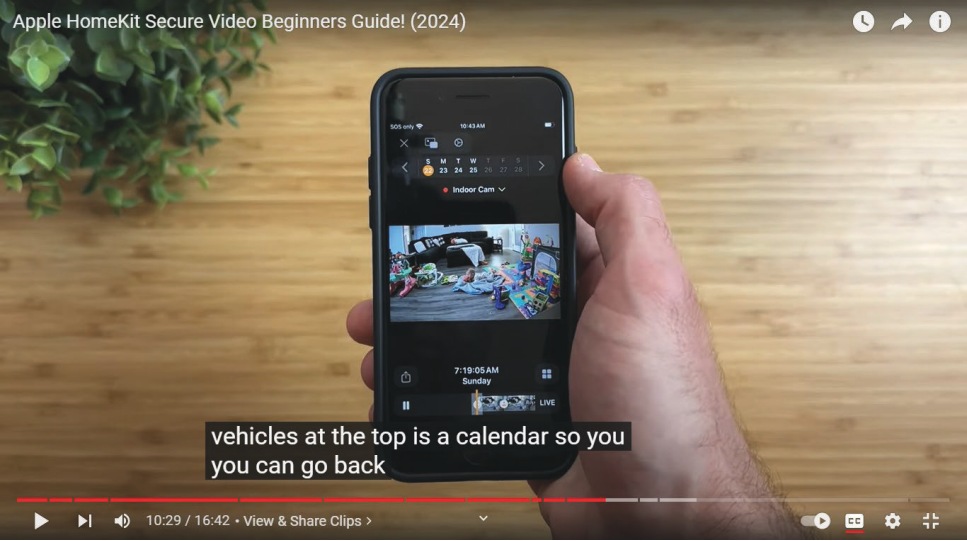
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Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
<p>to a list presentation request for the held digital contents of the server device for media from the network player by transmitting list information to the network player, wherein the list information lists the digital contents left in the internal storage device and the digital contents transferred from the internal storage device to the network storage device and stored in the network storage device, and wherein the list information maintains a tree structure of the digital contents in the internal storage device before transferring the digital contents to the network storage device;</p>	<p>storage device and stored in the network storage device, and wherein the list information maintains a tree structure of the digital contents in the internal storage device before transferring the digital contents to the network storage device.</p> <p>For example, a user can request the list of content captured by Eve Cam (i.e., server device) via the Apple Home App or on Apple devices such as such as laptops, tablets, or smartphones. In response to this request, the user is presented with a structured list (i.e., transmitting list information to the network player) showing the recorded events according to cameras and dates (i.e., wherein the list information maintains a tree structure of the digital contents).</p>

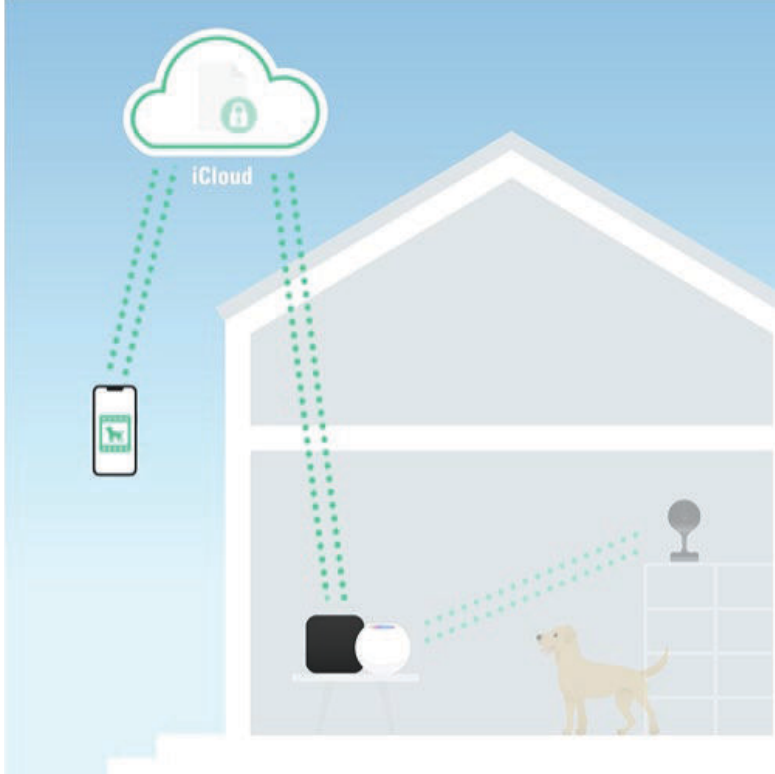
**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p data-bbox="435 615 919 642">Apple HomeKit Secure Video Beginners Guide! (2024)</p>  <p data-bbox="646 1052 1073 1108">live and a timeline of recorded Clips if your camera</p> <p data-bbox="548 1205 1328 1276">“Apple HomeKit Secure Video Beginners Guide! (2024),” at 9:59 (available at <a href="https://www.youtube.com/watch?v=sgAdHDU6h_w">https://www.youtube.com/watch?v=sgAdHDU6h_w</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p data-bbox="467 615 922 642">Apple HomeKit Secure Video Beginners Guide! (2024)</p>  <p data-bbox="662 1024 1081 1083">vehicles at the top is a calendar so you can go back</p> <p data-bbox="540 1173 1333 1245">“Apple HomeKit Secure Video Beginners Guide! (2024),” at 10:29 (available at <a href="https://www.youtube.com/watch?v=sgAdHDU6h_w">https://www.youtube.com/watch?v=sgAdHDU6h_w</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	 <p data-bbox="472 1402 1401 1434">“Eve Cam: Secure Indoor Camera,” at 5 (available at <a href="https://www.evehome.com/en/eve-cam">https://www.evehome.com/en/eve-cam</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[1D] a search unit adapted to respond to a data transmission request for the held digital contents from the network player by searching for a location where the held digital contents are currently stored; and</p>	<p>The Apple Accused Products comprise: a search unit adapted to respond to a data transmission request for the held digital contents from the network player by searching for a location where the held digital contents are currently stored.</p> <p>For example, the recorded clips (<i>e.g.</i>, digital content) of the Eve Cam (<i>e.g.</i>, server device) can be viewed or live streamed using the Apple Home App. For streaming the content, Apple HomeKit cameras (such as Eve Cams) use the RTSP protocol that works on a request-response model. Thus, when a user requests to view an Eve Cam clip from the Apple Home, the content corresponding to the URL of the click is searched across iCloud storage, and a response for delivering the content is generated.</p> <p><b>Module: HomeKit</b></p> <p><u><a href="#">New in v1.7.0</a></u></p> <p>HomeKit module can work in two modes:</p> <ul style="list-style-type: none"> <li>• export any H264 camera to Apple HomeKit</li> <li>• transparent proxy any Apple HomeKit camera (Aqara, Eve, Eufy, etc.) back to Apple HomeKit, so you will have camera features in Apple Home and also will have RTSP/WebRTC/MP4/etc. from your HomeKit camera</li> </ul> <p>“github: go2rtc,” at 14 (available at <a href="https://github.com/AlexxIT/go2rtc?tab=readme-ov-file">https://github.com/AlexxIT/go2rtc?tab=readme-ov-file</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

I have an IP Camera that is able to do RTSP streaming. This stream would go to my server, where it will be forwarded in RTSP format to an iPhone device. I would like to know if Apple allows RTSP incoming streaming (both audio and video); are there any specific guidelines for this?



Media Engineer  
Apple

Jun 16

The only explicit restriction (of which I am aware) is item 2.5.7 from the App Store Review Guidelines:

"Video streaming content over a cellular network longer than 10 minutes must use HTTP Live Streaming and include a baseline 192 kbps HTTP Live stream."

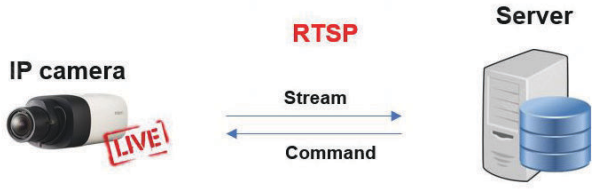
So if you restrict yourself to WiFi you should be okay.

"Developer Forums: RTSP incoming streams allowed for iPhone?," at 1 (available at <https://forums.developer.apple.com/forums/thread/49854>)

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

	<pre data-bbox="487 573 1388 919">}, {   "platform": "Camera-ffmpeg-omx",   "cameras": [{     "name": "Living room camera",     "videoConfig": {       "source": "-re -i rtsp://XXX.XX.X/play1.sdp",       "stillImageSource": "-i http://XXX.XX.X.X/cgi/jpg/image.cgi",       "maxStreams": 3,       "maxWidth": 1280,       "maxHeight": 720,       "maxFPS": 30</pre> <p data-bbox="430 951 1445 1108">“Home Assistant: Homekit location to trigger automations in Home-assistant, using a software switch. Requires no Homekit-hardware!,” at 9-10 (available at <a href="https://community.home-assistant.io/t/homekit-location-to-trigger-automations-in-home-assistant-using-a-software-switch-requires-no-homekit-hardware/17235?page=2">https://community.home-assistant.io/t/homekit-location-to-trigger-automations-in-home-assistant-using-a-software-switch-requires-no-homekit-hardware/17235?page=2</a>)</p>
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**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p align="center"><b>RTSP Protocol</b></p>  <p align="center">“What is RTSP ?,” at 1 (available at <a href="https://groupsingh.com/updates/what-is-rtsp-4C7Bg">https://groupsingh.com/updates/what-is-rtsp-4C7Bg</a>)</p> <p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[1E] a digital contents data transmission processing unit adapted to allow the corresponding data in held digital</p>	<p>The Apple Accused Products comprise: a digital contents data transmission processing unit adapted to allow the corresponding data in held digital contents to be stream-delivered from the network storage device to the network player, if the result of search shows the network storage device.</p> <p>For example, the recorded clips of the Eve Cam can be viewed or live streamed using the Apple Home App. which uses RTSP protocol. Apple HomeKit cameras (such as Eve Cams) use the RTSP protocol that works on a request-response model. Thus, when a user requests to view a recorded clip from the Apple Home App, the</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
<p>contents to be stream-delivered from the network storage device to the network player, if the result of search shows the network storage device,</p>	<p>Eve Cam clip corresponding to the URL of the click is searched across from iCloud storage. If the URL corresponding to the requested Nest Cam clip is mapped to the iCloud storage, a response containing the requested Nest Cam clip is delivered.</p> <p><b>Module: HomeKit</b></p> <p><u><a href="#">New in v1.7.0</a></u></p> <p>HomeKit module can work in two modes:</p> <ul style="list-style-type: none"> <li>• export any H264 camera to Apple HomeKit</li> <li>• transparent proxy any Apple HomeKit camera (Aqara, Eve, Eufy, etc.) back to Apple HomeKit, so you will have camera features in Apple Home and also will have RTSP/WebRTC/MP4/etc. from your HomeKit camera</li> </ul> <p>“github: go2rtc,” at 14 (available at <a href="https://github.com/AlexxIT/go2rtc?tab=readme-ov-file">https://github.com/AlexxIT/go2rtc?tab=readme-ov-file</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

I have an IP Camera that is able to do RTSP streaming. This stream would go to my server, where it will be forwarded in RTSP format to an iPhone device. I would like to know if Apple allows RTSP incoming streaming (both audio and video); are there any specific guidelines for this?



Media Engineer  
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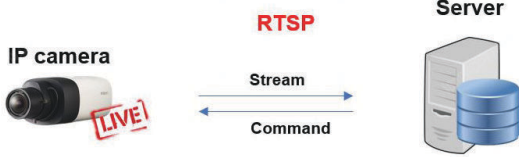
So if you restrict yourself to WiFi you should be okay.

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**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

	<pre data-bbox="464 573 1409 936">}, {   "platform": "Camera-ffmpeg-omx",   "cameras": [{     "name": "Living room camera",     "videoConfig": {       "source": "-re -i rtsp://XXX.XX.X/play1.sdp",       "stillImageSource": "-i http://XXX.XX.X/cgi/jpg/image.cgi",       "maxStreams": 3,       "maxWidth": 1280,       "maxHeight": 720,       "maxFPS": 30</pre> <p data-bbox="431 972 1446 1125">“Home Assistant: Homekit location to trigger automations in Home-assistant, using a software switch. Requires no Homekit-hardware!,” at 9-10 (available at <a href="https://community.home-assistant.io/t/homekit-location-to-trigger-automations-in-home-assistant-using-a-software-switch-requires-no-homekit-hardware/17235?page=2">https://community.home-assistant.io/t/homekit-location-to-trigger-automations-in-home-assistant-using-a-software-switch-requires-no-homekit-hardware/17235?page=2</a>)</p>
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**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p align="center"><b>RTSP Protocol</b></p>  <p align="center">“What is RTSP ?,” at 1 (available at <a href="https://groupsingh.com/updates/what-is-rtsp-4C7Bg">https://groupsingh.com/updates/what-is-rtsp-4C7Bg</a>)</p> <p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[1F] wherein the server device for media is a media player.</p>	<p>The Apple Accused Products comprise: wherein the server device for media is a media player.</p> <p>For example, The Eve Cam has a microphone as well as a speaker allowing two-way communication. Thus, the Eve Cam can play audio via its built-in speakers, hence acting as a media player. Additionally, Eve Cam, in integration with the Google Home App or Eve App, is capable of playing the media files of recorded videos.</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<div data-bbox="657 604 1218 861" style="background-color: #333; color: white; padding: 10px;"> <p><b>FEATURES</b></p> <ul style="list-style-type: none"> <li>• Supports Apple HomeKit Secure Video</li> <li>• 1080p/24fps H.264 Video</li> <li>• 150° field of view</li> <li>• Night vision up to 5 meters</li> <li>• Two-way communication with built-in microphone and speaker</li> <li>• 360° x 180° flexible installation with magnetic base</li> <li>• Status LED</li> </ul> </div> <p data-bbox="467 892 1404 919">“Eve Cam: Secure Indoor Camera,” at 10 (available at <a href="https://www.evehome.com/en/eve-cam">https://www.evehome.com/en/eve-cam</a>)</p> <div data-bbox="776 987 1117 1291" style="text-align: center;">  <p>The image shows the Eve Cam camera, a black, circular device with a lens and a microphone/speaker grille, mounted on a black base. To its right is an iPhone displaying the Home app interface, which shows a 'My Home' screen with a camera feed and various smart home controls.</p> </div> <p data-bbox="386 1339 1485 1480">“Smart Home Accessories: Eve Cam,” at 1 (available at <a href="https://www.apple.com/shop/product/HR202ZM/A/eve-cam?node=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b">https://www.apple.com/shop/product/HR202ZM/A/eve-cam?node=f65baf142b469705135c4862faa41999dd7d18e9f03b4ecbfc40f46d30f700576ef5d2a4542b05de33d5ab27152500c9d2e2b89ed895aec1c19ab395140ed4ce37ace16de4121120d256feb7fc4caa39302d540456d0f4e453e58c29311e90844311d8d56c92b8d87dea2201e2ca3823&amp;fs=f%3Dhomekitsecurevideo-securitycam%26fh%3D482b%252B463d%252B4d0b</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[2] The server device for media according to claim 1, wherein said digital contents data transmission processing unit causes the network storage device to transmit the corresponding data to the server device for media, and then transmits the corresponding data received from the network storage device from the server device for media to the network player.</p>	<p>The Apple Accused Products comprise: The server device for media according to claim 1, wherein said digital contents data transmission processing unit causes the network storage device to transmit the corresponding data to the server device for media, and then transmits the corresponding data received from the network storage device from the server device for media to the network player.</p> <p><i>See Claim [1E]. As shown below, when a device is not on the local network, the digital contents data transmission processing unit causes the network storage device (HomeKit) to transmit the data to the server (home hub) as a relay to the client device for playing.</i></p> <p align="center"><b>HomeKit camera security</b></p> <p align="center">Cameras that have an Internet Protocol address (IP address) in HomeKit send video and audio streams directly to the iOS, iPadOS, tvOS, and macOS device on the local network accessing the stream. The streams are encrypted using randomly generated keys on the device and an Internet Protocol camera (or IP camera), and they’re exchanged over the secure HomeKit session to the camera. When a device isn’t on the local network, the encrypted streams are relayed through the home hub to the device. The home hub doesn’t decrypt the streams; it functions only as a relay between the device and the IP camera. When an app displays the HomeKit IP camera video view to the user, HomeKit renders the video frames securely from a separate system process. As a result, the app is unable to access or store the video stream. In addition, apps aren’t permitted to capture screenshots from this stream.</p> <p><a href="https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf">https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf</a>, Page 228</p> <p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>


**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
<p>[3] The server device for media according to claim 1, wherein said digital contents data transmission processing unit transmits the corresponding data and information for identifying the network storage device to the network player, and causes the network storage device to directly transmit the corresponding data to the network player.</p>	<p>The Apple Accused Products comprise: The server device for media according to claim 1, wherein said digital contents data transmission processing unit transmits the corresponding data and information for identifying the network storage device to the network player, and causes the network storage device to directly transmit the corresponding data to the network player.</p> <p><i>See Claim [1E]. As shown below, the digital contents data transmission processing unit transmits corresponding data and information for identification of the network storage device to the network player because HomeKit is an automation platform set up from the network player and particularly identified to the network player.</i></p> <p align="center"><b>HomeKit™ is Apple's home automation platform for controlling smart home products using iOS apps and Siri® voice commands. HomeKit is automatically included in the operating system of all iPhone, iPad, and iPod Touch devices with iOS 8 or later.</b></p> <p>Source: <a href="https://support.iddevicesinc.com/hc/en-us/articles/360000300468-What-is-HomeKit">https://support.iddevicesinc.com/hc/en-us/articles/360000300468-What-is-HomeKit</a></p> <p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[4] The server device for media according to claim 1, further comprising a return control unit adapted to cause the digital contents corresponding to a predetermined</p>	<p>The Apple Accused Products comprise: The server device for media according to claim 1, further comprising a return control unit adapted to cause the digital contents corresponding to a predetermined condition among the digital contents which have been transferred to the network storage device to be returned from the network storage device to the internal storage device</p> <p>As shown below, when a client device is not on the local network (i.e., a predetermined condition), a return control unit is adapted to cause the network storage device (HomeKit) to return data to the server (home hub) as a relay to the client device for playing.</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
<p>condition among the digital contents which have been transferred to the network storage device to be returned from the network storage device to the internal storage device.</p>	<p align="center"><b>HomeKit camera security</b></p> <p>Cameras that have an Internet Protocol address (IP address) in HomeKit send video and audio streams directly to the iOS, iPadOS, tvOS, and macOS device on the local network accessing the stream. The streams are encrypted using randomly generated keys on the device and an Internet Protocol camera (or IP camera), and they’re exchanged over the secure HomeKit session to the camera. When a device isn’t on the local network, the encrypted streams are relayed through the home hub to the device. The home hub doesn’t decrypt the streams; it functions only as a relay between the device and the IP camera. When an app displays the HomeKit IP camera video view to the user, HomeKit renders the video frames securely from a separate system process. As a result, the app is unable to access or store the video stream. In addition, apps aren’t permitted to capture screenshots from this stream.</p> <p><a href="https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf">https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf</a>, Page 228</p> <p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[5] The server device for media according to claim 1, wherein said list information transmission unit makes the list information to be transmitted to the network player include information for identifying whether each digital</p>	<p>The Apple Accused Products comprise: The server device for media according to claim 1, wherein said list information transmission unit makes the list information to be transmitted to the network player include information for identifying whether each digital content is currently stored in the internal storage device or the network storage device in the display list of the network player.</p> <p><i>See Claims [1C] and [1E]. For example, as shown below, the list information transmission unit provides a user information identifying the source of the digital content that can correspond to the internal storage device (Home hub) or network storage device (EveCams) depending on whether it is connected to the local network or not, which may also correspond to whether the clips are live or stored in the timeline of recorded clips.</i></p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
<p>content is currently stored in the internal storage device or the network storage device in the display list of the network player.</p>	 <p>“Apple HomeKit Secure Video Beginners Guide! (2024),” at 9:59 (available at <a href="https://www.youtube.com/watch?v=sgAdHDU6h_w">https://www.youtube.com/watch?v=sgAdHDU6h_w</a>)</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
	<p align="center"><b>HomeKit camera security</b></p> <p>Cameras that have an Internet Protocol address (IP address) in HomeKit send video and audio streams directly to the iOS, iPadOS, tvOS, and macOS device on the local network accessing the stream. The streams are encrypted using randomly generated keys on the device and an Internet Protocol camera (or IP camera), and they’re exchanged over the secure HomeKit session to the camera. When a device isn’t on the local network, the encrypted streams are relayed through the home hub to the device. The home hub doesn’t decrypt the streams; it functions only as a relay between the device and the IP camera. When an app displays the HomeKit IP camera video view to the user, HomeKit renders the video frames securely from a separate system process. As a result, the app is unable to access or store the video stream. In addition, apps aren’t permitted to capture screenshots from this stream.</p> <p><a href="https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf">https://help.apple.com/pdf/security/en_US/apple-platform-security-guide.pdf</a>, Page 228</p> <p>Further, to the extent this element is performed at least in part by software source code, ACT reserves the right to supplement these contentions pursuant to production of such source code and to the extent Defendant requires additional information in accordance with P.R. 3-1 and for any other reasons.</p>
<p>[7P] A method for controlling a server device for media which is equipped with an internal storage device for storing digital contents, the method comprising the steps of:</p>	<p>Users of the Apple Accused Products perform a method for controlling a server device for media which is equipped with an internal storage device for storing digital contents. Apple directly infringes and induces infringement by causing a user to perform the claimed method on the Apple Accused Products. Users of the Apple Accused Products directly infringe by using the Apple Accused Products. Apple induces infringement by users by supplying the Apple Accused Products and instructing and encouraging users to use the Apple Accused Products in an infringing manner.</p> <p><i>See Claim [1P].</i></p>
<p>[7A] responding to a data transmission request from a network player by</p>	<p>Users of the Apple Accused Products perform responding to a data transmission request from a network player by stream-delivering corresponding data in corresponding digital contents from the internal storage device to the network player during connection to a network.</p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
<p>stream-delivering corresponding data in corresponding digital contents from the internal storage device to the network player during connection to a network;</p>	<p><i>See Claim [1A].</i></p>
<p>[7B] transferring and storing part of held digital contents in the internal storage device to a network storage device, wherein the network storage device is connected to the network and is capable of storing data, and wherein the digital contents that cannot be recovered if a network failure occurs during the transferring of the digital contents are not transferred from the internal storage device to the</p>	<p>Users of the Apple Accused Products perform transferring and storing part of held digital contents in the internal storage device to a network storage device, wherein the network storage device is connected to the network and is capable of storing data, and wherein the digital contents that cannot be recovered if a network failure occurs during the transferring of the digital contents are not transferred from the internal storage device to the network storage device.</p> <p><i>See Claim [1B].</i></p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
<p>network storage device;</p> <p>[7C] responding to a list presentation request for the held digital contents of the server device for media from the network player by transmitting list information to the network player, wherein the list information lists the digital contents left in the internal storage device and the digital contents transferred from the internal storage device to the network storage device and stored in the network storage device, and wherein the list information maintains a tree structure of the digital contents in the internal storage device before transferring the</p>	<p>Users of the Apple Accused Products perform responding to a list presentation request for the held digital contents of the server device for media from the network player by transmitting list information to the network player, wherein the list information lists the digital contents left in the internal storage device and the digital contents transferred from the internal storage device to the network storage device and stored in the network storage device, and wherein the list information maintains a tree structure of the digital contents in the internal storage device before transferring the digital contents to the network storage device.</p> <p><i>See Claim [1C].</i></p>

**Appendix E-3 - Claim Chart for U.S. Patent No. 8,230,101 Against Apple HomeKit Secure Video Products**

Claim – 8,230,101	Exemplary Supporting Evidence Regarding Apple’s Accused Products
digital contents to the network storage device;	
[7D] responding to a data transmission request for the held digital contents from the network player by searching for a location where the held digital contents are currently stored; and	<p>Users of the Apple Accused Products perform responding to a data transmission request for the held digital contents from the network player by searching for a location where the held digital contents are currently stored.</p> <p><i>See Claim [1D].</i></p>
[7E] allowing the corresponding data in held digital contents to be stream-delivered from the network storage device to the network player, if the result of search shows the network storage device,	<p>Users of the Apple Accused Products perform allowing the corresponding data in held digital contents to be stream-delivered from the network storage device to the network player, if the result of search shows the network storage device.</p> <p><i>See Claim [1E].</i></p>
[7F] wherein the service device for media is a media player.	<p>Users of the Apple Accused Products perform the claimed method wherein the service device for media is a media player.</p> <p><i>See Claim [1F].</i></p>