

# PillCam™ Genius SB capsule endoscopy system Software and system requirements

Use of the PillCam™ Genius SB capsule endoscopy kit requires PillCam™ Desktop software v9.7 and the PillCam™ Genius sync agent (GSA). The PillCam™ Real-Time View application, available on the app store, is an optional application that can be used with the PillCam™ Genius SB capsule endoscopy system. Please see below for details regarding each component.

## PillCam™ Desktop software v9.7<sup>1</sup>

PillCam™ desktop software is the software application that allows medical professionals to review the video images from PillCam™ capsule endoscopy studies. PillCam™ desktop software v9.7 or above is required for reading PillCam™ Genius SB capsule endoscopy studies.

PillCam™ desktop software v9.7 is backwards compatible in that studies compiled with previous versions of the software are viewable and editable as normal.

Specification	Required
CPU	<ul style="list-style-type: none"> <li>Intel® 2 Quad</li> <li>AMD equivalent</li> </ul>
OS (operating system)	<ul style="list-style-type: none"> <li>Windows® 10, 32- &amp; 64-bit</li> <li>Windows® 11, 64-bit</li> </ul>
RAM	<ul style="list-style-type: none"> <li>3 GB for 32-bit OSs</li> <li>6 GB for 64-bit Oss</li> </ul>
Disk space	<ul style="list-style-type: none"> <li>6 GB available HD for software installation</li> <li>10 GB available for data</li> </ul>
Screen (color and aspect ratio / resolution)	24-bit color: <ul style="list-style-type: none"> <li>4:3 / 1024 x 768</li> <li>16:9 / 1366 x 768</li> <li>16:10 (8:5) / 1280 x 800</li> </ul>
Removable media	DVD-ROM / DVD-RW
USB	USB 2 and above <ul style="list-style-type: none"> <li>USB disk or external drivers (for data transfers) must be partitioned as NTFS</li> </ul>
Software	<ul style="list-style-type: none"> <li>PDF Reader software such as Adobe® Acrobat</li> </ul>

## PillCam™ Genius Sync Agent<sup>2</sup>

The PillCam™ Genius sync agent is used by the healthcare provider to setup and manage PillCam™ Genius SB endoscopy procedures and transfer data from the PillCam™ Genius link device to the workstation for video creation. If the PillCam™ Genius sync agent is connected to the cloud, it will synchronize between local folders containing PillCam™ procedure data and the data stored in the cloud.

Properties		Comments									
OS	Windows 10 version 21h2 and above; Windows 11										
CPU	Core i3										
RAM	Minimum: 8GB Recommended: 16GB										
Disk space	1GB for software; 35GB for video creation storage	After the video is created, disk space used for video creation is cleared. The user can then choose to save the Genius SB raw data (up to 16GB).									
USB	USB 2	USB 3.1(A)/M–USB 3.1(C)/M cable									
Software prerequisites	PDF reader software such as adobe										
Additional requirements	Service user account	<p>The service user account password should be configured to never expire.</p> <p>Ensure that "Log on as a service" is enabled.</p> <p>The service user needs to be temporarily added to the local administrator group for the installation process. This access can be removed once the installation is complete.</p> <p>Ensure that the user possesses the necessary permissions (read, write, and modify) to access the PillCam data repository, including any associated network storage.</p>									
	Device state	<p>Computers (workstations or laptops) hosting the GSA must be Domain Joined. The following configurations are compatible:</p> <table border="1"> <thead> <tr> <th>AzureADJoined</th> <th>DomainJoined</th> <th>Device state</th> </tr> </thead> <tbody> <tr> <td>NO</td> <td>YES</td> <td>Domain Joined</td> </tr> <tr> <td>YES</td> <td>YES</td> <td>Hybrid joined</td> </tr> </tbody> </table>	AzureADJoined	DomainJoined	Device state	NO	YES	Domain Joined	YES	YES	Hybrid joined
AzureADJoined	DomainJoined	Device state									
NO	YES	Domain Joined									
YES	YES	Hybrid joined									

Additional details on service user account:

The service user account is a non-human account that enables communication between the PillCam Desktop software, Genius sync agent software, and the Cloud. The PillCam Cloud Reader and sync agent specifically use "local service accounts."

The Medtronic Service account requires access to two folders:

- PillCam videos directory
- PillCam raw data directory

Please note that the service user account is strictly for system operation and is not intended for use by Medtronic employees to access customer networks. Medtronic does not require you to disclose the service account credentials to us, nor do we retain these credentials.

## PillCam™ Real-Time View application<sup>2</sup>

The Real-Time View (RTV) application allows the healthcare provider to view real-time images from the PillCam™ Genius SB capsule for a short period of time during the procedure to estimate the location of the PillCam™ Genius SB capsule in the GI tract. Use of the RTV application is optional and is at the discretion of the healthcare provider.

Properties	
Supported devices	iOS tablet devices released after September 2021
iOS	Version 16.0 and above
Minimum resolution	2266x1488

## For PillCam™ cloud reader customers

Validate access to the relevant endpoints that are used by the system, based on the region.

1. From the workstation that the GSA will be installed on.
2. Under the regular user account that will work on this PC.

To allow the GSA to work properly with the cloud environment, URLs with HTTPSs should be validated. The relevant ones appear in the next section. The addresses need to be available from the hospital network.

**NOTE:** Verify with hospital security/network team if there is a proxy server on the network. If so, the endpoints should be excluded/verified that the proxy does not affect the agent's activity.

The endpoints are not accessible for browsing, just for the GSA on-line.

US Endpoint addresses:

- <https://cognito-idp.us-east-1.amazonaws.com>
- <https://einstein.auth.us-east-1.amazoncognito.com>
- <https://pillcamcloud-us.medtronic.com>

- <https://login.medtronic.com>

EU Endpoint addresses:

- <https://cognito-idp.eu-central-1.amazonaws.com>
- <https://turing.auth.eu-central-1.amazoncognito.com>
- <https://pillcamcloud-eu.medtronic.com>
- <https://login.medtronic.com>

For questions or more information, please reach out to [rs.gipcrsupport@medtronic.com](mailto:rs.gipcrsupport@medtronic.com).

References:

1. PillCam™ Desktop & Reader Software v9.7 IT Guide. November 2023
2. PillCam™ Genius SB system user manual. May 2024

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