

CathexisVision Mobile 4 White Paper





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While Cathexis has made every effort to ensure the accuracy of this document, there is no guarantee of accuracy, neither explicit nor implied. Specifications are subject to change without notice.



1. Introduction

This document indicates the features/abilities of CathexisVision Mobile 4.

- CathexisVision Mobile allows users to access CathexisVision 2022.1 or later.
- CathexisVision Mobile is the recommended mobile option for CathexisVision users.
- CathexisVision Mobile 4 can be used to access Enterprise, MultiSite and site accounts.

With CathexisVision Mobile 4, operators can utilise most of the latest features of the CathexisVision software. This includes:

- Site, Enterprise, and MultiSite connections
- Live and Review mode tools
- Access to single or multiple cameras across a number of sites (connection depending)
- Control of PTZ cameras
- Adjacent camera mapping
- Motion and Snap search
- Send camera views to a remote control room or site monitor
- View maps
- Customisable notifications using available resources
- Push notifications
- Exporting a snapshot or video clip
- Enable overlays
- Create bookmarks
- Access global layouts

1.1 Resources

For detailed instructions about the new CathexisVision mobile app, see the following, available on the Cathexis website (http://cathexisvideo.com/):

- CathexisVision Mobile 4 App-note
- CathexisVision Mobile 4 Quick Guide (Mobile Version)

1.2 Requirements and Specifications

1.2.1 Supported Mobile Devices

The CathexisVision Mobile app is available for Android and iOS. The user interface for the two systems is similar.

- Android: 8.0 and up.
- iPhone: Requires iOS 13.7 or later.
- iPad: Requires iPad iOS 13.7 or later.



1.2.2 Software Version

• CathexisVision 2022.1 and later.

1.2.3 Ports to Open

For direct site connections, the Carbon GUI and CathexisVision mobile app need the following ports to be open to the NVR site: TCP 30010 to 30100.

For a "port forward" connection, this setting must be selected and port 30011 has to be open to the site.

1.2.4 License Requirements

License	Name	Description
None	CathexisVision Mobile	Local sites must be licensed as per existing requirements.

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2. Features and Abilities: Mobile App

2.1 General

CathexisVision Mobile 4 provides access to the CathexisVision VMS for versions 2022 and later.

General		 Languages can be changed from the phone settings. (English, German or Russian) Choose an account type when adding a new connection. Choose a connection type when adding a new site.
	Add Accounts	 Site Standard - Ports: TCP 30010 to 30100 Discovery - Ports: TCP 30010 to 30100 Port forward: Port: 30011 MultiSite Enterprise
Settings	General Settings	 Video fill mode Enable/disable Smooth scaling Scale mode Enable/disable Auto hide overlay Enable/disable Keep screen on Maximum panels Maximum tabs Notification open mode
	Notifications	 Add/remove/edit notifications Enable/disable Push notifications Configure notification alert settings Configure notification viewer settings

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2.2 Home Screen, Panel Content, and Navigation

The Home Screen is where cameras can be viewed, reviewed, searched, and archived. Maps can also be added to a panel.

Features/Abilities

General		 The overlay bars can be shown or hidden by tapping a panel with active content for all content types except for maps. The list below shows all possible features, but not all of these will be available on every camera e.g., PTZ overlays, audio, and motion graph. Notifications and Push Notifications: Note: For notifications from a site, log in to the site with the Carbon desktop UI as an administrator. Configure the push notifications In the Configuration tab under Home / Settings. For Enterprise/MultiSite notifications, support needs to be enabled on the server by Cathexis directly. Please contact Cathexis for assistance at support@cat.co.za. The motion graph on the timeline is only available when configured on the CathexisVision client/server. Maps cannot be created on the mobile app.
Icons and tools	Basic home screen	 Choose (add) content Main menu Templates Open a saved layout Clear panels Open a new tab Rearrange camera view Notifications Total number of open tabs
	Tab icons	 Close a tab View an Open tab Open a new tab Close all
Panel content	Choose (add) content options	CamerasMapsAuto monitorBookmarks



Single tap: more controls Single tap: more controls Swipe left: overlays and controls Map objects Map objects Control an output Control an output Playback controls Playbackward Playbackward Playbackward Playbackward Playbackward Playbackwards			
Single tap: more controls Single tap: more controls Close camera Switch to live/review mode Enlarge (full screen)/reduce Adjacent cameras PTZ control on a PTZ camera In review mode only: Playback controls Map objects Output Switch on Switch off Pulse Toggle Toggle Toggle Toggle small/large panels Place a camera in another panel Lock Unlock Ignore (exclude) Enlarge Clock (remaining time) Skip back 10 seconds Skip forward 10 seconds Skip forward Play backward Play backward Play backward Play backward Play forward Pause Previous motion Next motion			
Single tap: more controls - Close camera - Switch to live/review mode - Enlarge (full screen)/reduce - Adjacent cameras - PTZ control on a PTZ camera - PTZ Came			
Controls Close camera Switch to live/review mode Enlarge (full screen)/reduce Adjacent cameras PTZ control on a PTZ camera In review mode only: Playback controls Audio on/off Quick motion search tool Control an output Auto monitor Playback controls Auto monitor Playback controls Auto monitor Control an output Playback controls Auto monitor Auto monitor Playback controls Auto monitor Close camera Adjacent cameras PTZ camera Playback controls Play back motion search controls Play backward Play backward Play backward Play broward Play forward Pause Previous motion			Camera name (opens "Choose content" menu)
Control an output Auto monitor Auto monitor Auto monitor Playback controls Auto monitor Control an output Playback controls Auto monitor Control an output Auto monitor Playback controls Auto monitor Auto monitor Playback controls Auto monitor Playback controls Auto monitor Playback controls Playback none Switch on Switch on Switch off Pulse Toggle small/large panels Place a camera in another panel Lock Unlock Ignore (exclude) Enlarge Clock (remaining time) Skip back 10 seconds Skip forward 10 seconds Skip forward Play backward Play backward Play backward Play forward Play forward Pause Previous motion Next motion			Time/date (opens calendar search tool)
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Auto monitor • Lock • Unlock • Ignore (exclude) • Enlarge • Clock (remaining time) • Skip back 10 seconds • Skip forward 10 seconds • Play backward • Play forward • Pause Quick motion search controls • Next motion			Toggle small/large panels
Auto monitor • Unlock • Ignore (exclude) • Enlarge • Clock (remaining time) • Skip back 10 seconds • Skip forward 10 seconds • Play backward • Play backward • Play forward • Pause Quick motion search controls • Next motion			Place a camera in another panel
Playback controls (review mode) Playback controls (review mode) Playback controls Playback controls Playback controls Play backward Play forward Play forward Previous motion Next motion Previous motion Next motion			• Lock
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Playback controls (review mode) - Skip forward 10 seconds - Play backward - Play forward - Play forward - Pause - Previous motion - Next motion			Clock (remaining time)
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Playback controls (review mode) Quick motion search controls Play forward Pause Previous motion Next motion	controls	Home screen controls	Skip forward 10 seconds
controls (review mode) Quick motion search controls Play forward Pause Previous motion Next motion			Play backward
(review mode) Quick motion search controls Pause Previous motion Next motion			Play forward
 Quick motion search controls Previous motion Next motion 			Pause
TYCAC III GUOTI	,	Quick motion search	Previous motion
Play backwards			Next motion
			Play backwards



		Play forwards
		Go to start of event
		Skip back 10 seconds
	Notification	Skip forward 10 seconds
	Playback/Event Controls	Play backward
		Play forward
		• Pause
		Swipe for quick motion search controls

2.3 Menus

Features/Abilities

General		 This section displays the contents of the menus once opened. The main menu, choose content menu, and layout options are accessed using the icons on the home screen.
		 Using a long hold on a camera view opens up additional (context) menus. Live and review menus offer different features.
From home screen	Main menu	 Settings Full screen Save layout Add full bookmark Bookmarks Inputs/output Sign out Exit
	Select a layout	 My layouts Global layouts Auto layout
Long hold/context menus	Live mode additional menu	 Grab snapshot Overlays PTZ presets Video format Dewarp mode Send to monitor Connection logs



	Go to start
	Go to end
	Add bookmark
	Export
Review mode	Overlays
additional menu	Bookmarks
	Video quality
	Dewarp mode
	Send to monitor
	Snap search



3. Conclusion

Note: This white paper was designed to provide a brief overview of the features of the CathexisVision mobile app.

For more information about CathexisVision products, please consult the material available on the website. (https://cathexisvideo.com/).

For detailed instructions about the new mobile app, see *CathexisVision Mobile 4 App-note*.

For support, email support@cathexisvideo.com.