

Ganz CORTROL Mobile



User Manual

CORTROL Mobile Client

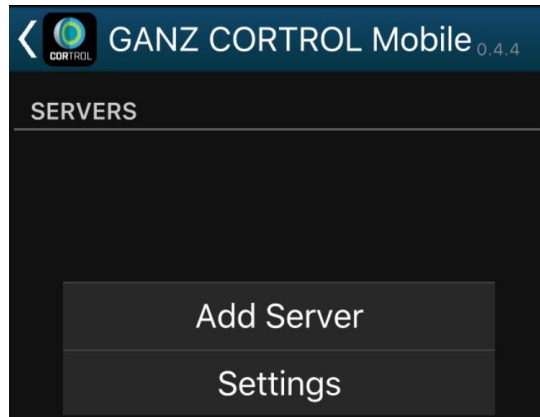
Install the CORTROL Mobile application from Google Play (for Android users) or iTunes (for iOS users).

Supported OS:

Android 2.2 or higher & iOS 6.1 or higher

Demo Server

By default, the CORTROL Demo server connection is already configured.

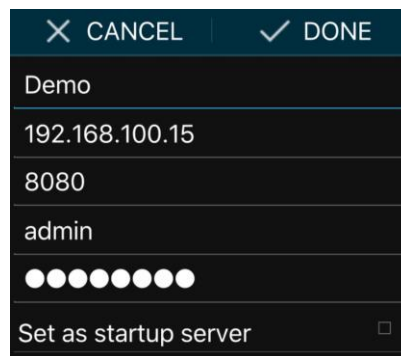
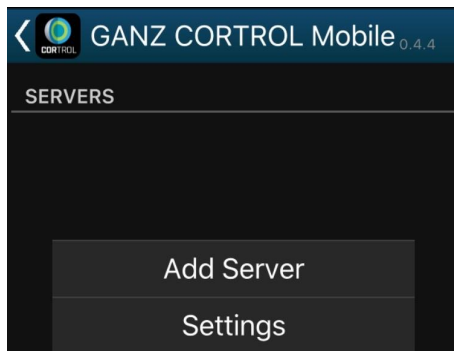


Add a Server

Tap the *Add Server* button on the bottom panel to create a new server connection. The following parameters should be filled in:

- **Name:** server friendly name.
- **Host:** server IP or domain name.
- **Port:** HTTP port to use (must match the one configured on the server side), the default one is 8080.
- **Username and password:** user account credentials to connect to the Ganz CORTROL server.
- **Startup Server:** select if you wish to automatically connect to the target server on starting the application.

On startup, the app will load server list and try to connect to the selected server automatically.

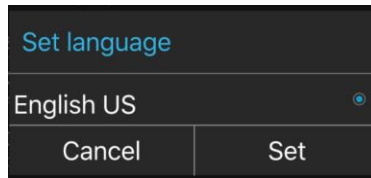


When ready, tap *Done* to save and exit the dialog box, or tap *Cancel* to discard the changes made and go back to the main menu. To edit the existing server settings, tap and hold the server name in the list, then release and then tap the *Edit* button that will appear in the upper-right-hand corner; existing server configurations can be removed in the same way.

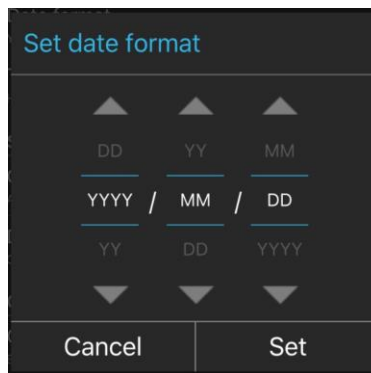
Settings

Note that these settings are global for all servers.

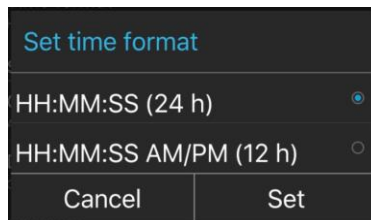
- **Language:** set application localization; languages available so far are English (US), English (UK), Polish, Russian and Turkish



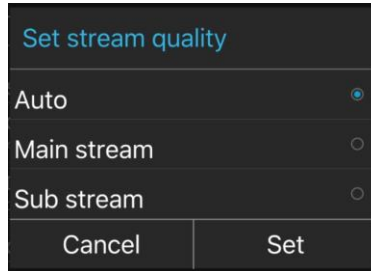
- **Date Format:** set the date presentation format you want the application to use, e.g., YYYY/MM/DD



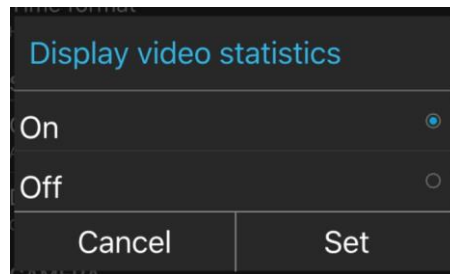
- **Time Format:** set the time presentation format you want the application to use, e.g., HH:MM:SS (24h)



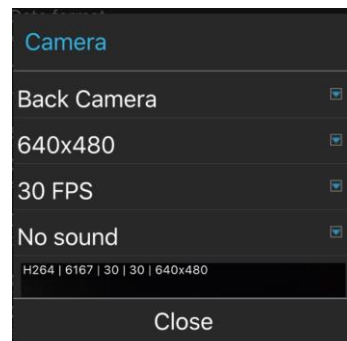
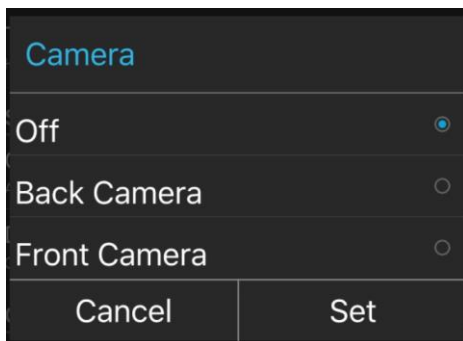
- **Stream Quality:**
 - **Auto:** The most appropriate stream will be selected automatically based on viewport size
 - **Main stream:** The first (main) stream, [usually] of a larger resolution will be used for all devices
 - **Sub stream:** The secondary stream (substream), [usually] of a smaller resolution will be used for all devices



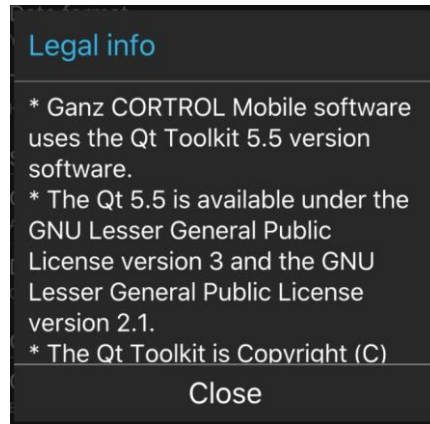
- **Display video statistics:** Set to On/Off to display or not display the video statistics.



- **Camera:** Available options based on mobile device; select a camera to stream back to CORTROL Server.
 - **Off:** Disable streaming to CORTROL Server
 - **Back Camera:** Select to enable streaming to CORTROL Server
 - **Front Camera:** Select to enable streaming to CORTROL Server
- **Camera sub menu:** When a camera is selected, a camera sub menu will appear.
 - **Camera:** Indicative of which camera was selected, **Back Camera** or **Front Camera**.
 - **Resolution:** Selectable resolutions ranging from 192x144 ~ 3264x2448.
 - **FPS:** Selectable FPS options of 2 ~ 5, 10, 15, 20, 25, or 30.
 - **Sound:** Selection of no sound, or device microphone.



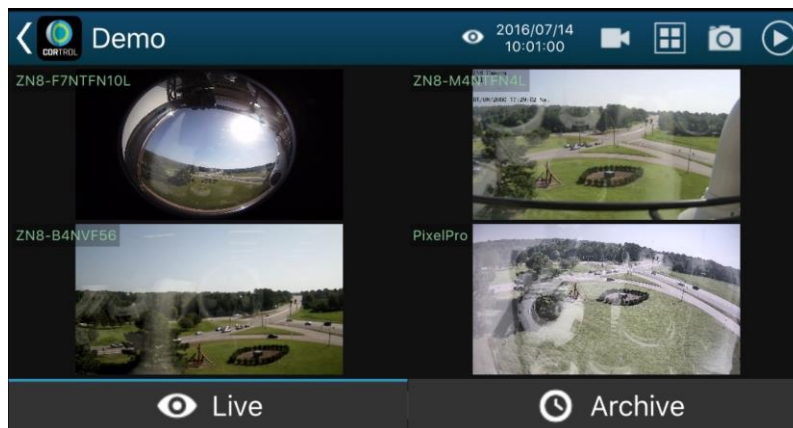
- **Legal info:** Legal and application version based information.



Live View

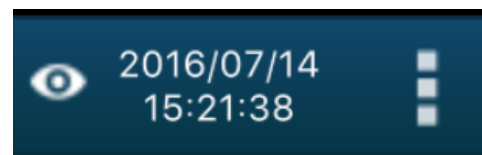
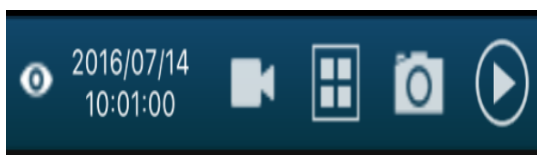
After connecting to a server, live view is loaded by default. If you have already connected to the selected server previously, last opened live view with layout will be loaded.

- **Display video statistics:** Each video channel displays the camera name in the upper left corner
- **Selected video channel:** A blue highlight to indicate a selected channel.
 - Tap a channel in live view to switch to full screen.
 - Use pinch-to-zoom gesture to digitally zoom in or out on the selected channel.
 - Tap the "<" in the upper left corner to return to the multi-screen.
 - Tap the "<" in the upper left corner once again to return to the Home screen.

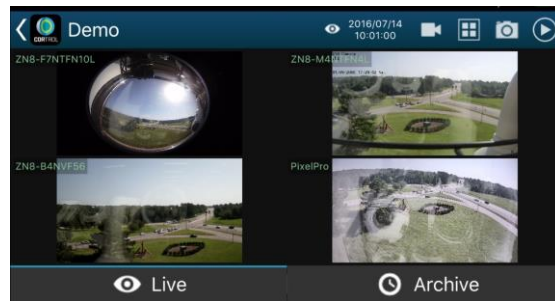
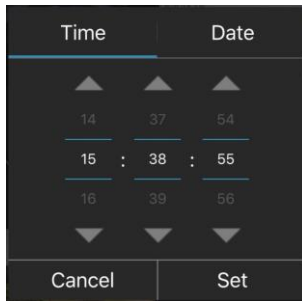



Menu Controls

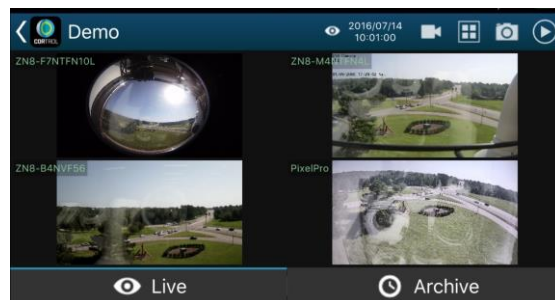
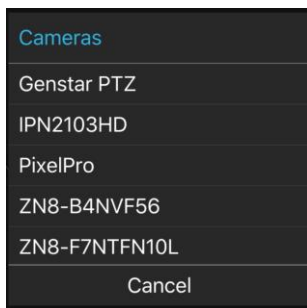
You can find several controls in the upper right corner. For vertical screen orientation, all menu controls (except for the timer) collapse into a single button with drop-down list.




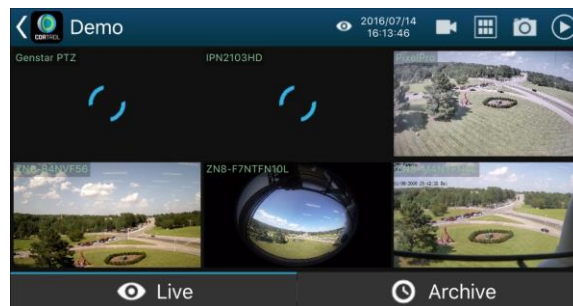
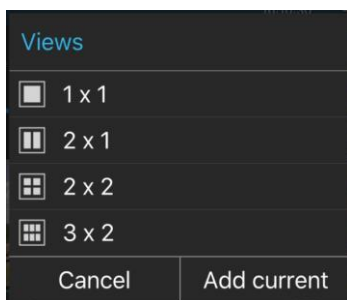
- **Eye - Date/Time:** Shows current server time, and also allows selecting a specific date and time.
 - Tap the Eye – Date/Time icon to select a specific time, and switch to Archive mode upon set.
 - **Date/Timer** can be manipulated in the following manner:
 - Use UP/DOWN arrows or swipe UP/DOWN to change the value of each position
 - Switch between the *Time* and *Date* tabs by tapping them
 - Press *Cancel* to go back to Live mode, or tap *Set* to proceed with playback




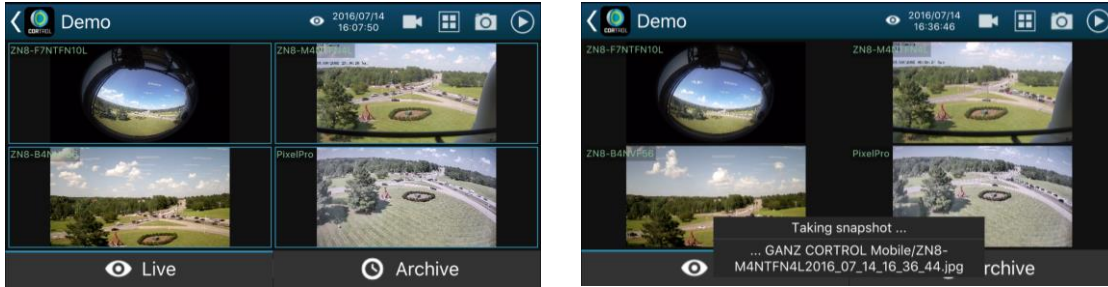
- **Cameras:** Tap the camera icon  to select a camera from the available camera list.
 - Tap a camera to select it, all channels will highlight blue for selection, tap a channel.
 - A camera can only be mapped once; a second attempt will result in placement on the new position and removal from the old one.





- **Views:** Tap the views icon  to open the layout selection.
 - Currently available layouts are 1x1, 2x1, 2x2, and 3x2.
 - "Add Current," allows saving current layout under user specified name.
 - If a larger layout is selected, existing cameras mapped automatically, as extra channels are blank.




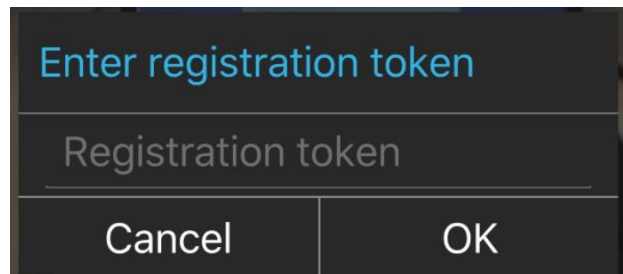
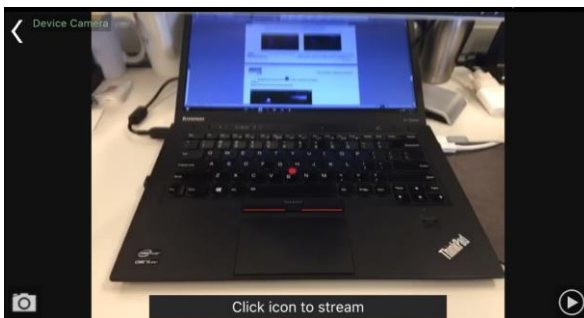
- **Snapshot:** Tap the snapshot icon  to save a snapshot to the gallery.
 - When snapshot is selection, all channels will highlight blue for selection.
 - Tapping a channel will save a snapshot of it to the local mobile device.



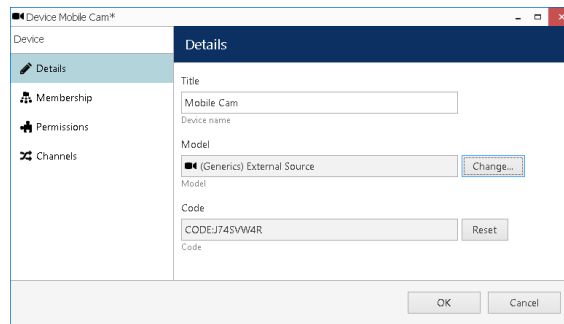
- **Stream:** Tap the stream icon  to start streaming from the mobile device.
 - **Snapshot:** Tap the snapshot icon  to save a snapshot to the gallery.




- **Stream:** Tap the stream icon  to start streaming from the mobile device.
 - Prior to streaming, a device registration token must be created.
 - See **Device Registration Token** below.
 - Enter the registration token generated by CORTROL for the mobile device.
 - Click on "Ok", to start streaming to the CORTROL server.
 - Tap the "<" in the upper left corner to return to the multi-screen.



- **Device Registration Token:** In order for the mobile device to stream to CONTROL, a device registration token must be created.
 - From CONTROL Management Console, create a new device.
 - Title should be relevant to either intent of stream, or device name.
 - Model should be (Generic) External Source.
 - Input the “Code”, generated after the model selection, into the mobile app.
 - **Note:** a token can only be used one per device, as each device requires a unique code.



Archive Playback

To switch to Archive mode, tap the *Archive* option  **Archive**.

- Alternatively, tap the Eye-Date/Time icon to specify a date/time to begin playback from.

Archive timeline controls:

- **Green** colour represents data, **maroon** means there is no recorded data for that period
- Tap the **Next/Previous Frame** arrows on the sides to go to the next/previous available picture
- Use the **Play** button in the center to start/pause playback
- Tap the +/- labels to jump back/forward by ten seconds, one minute, ten minutes or an hour
- Tap the camera icon in the bottom-left-hand corner to save a **snapshot**
- Tap the Date/Time icon to specify a date/time to begin playback from.

Swipe left/right to switch between cameras within the current layout; tap and hold the image to bring up the available camera list (just as in the camera selection menu, this will exit the current layout and switch to single camera

layout). Use the timeline below to browse the recorded video and use the play/stop buttons to control the playback.

