

# CRESTRON-APP-ANDROID

## Crestron® App for Android™ OS



- Provides a programmable Crestron® touch screen experience on an Android™ OS device
- Control your home or office from your mobile device with real-time status feedback and metadata
- Provides a customizable user interface—create one UI that runs on multiple touch screens and Android devices
- Supports Crestron Smart Graphics® technology and Rava® SIP Intercom
- View live streaming video from IP based security cameras and encoders
- Integrates with third-party apps
- Allows for control of multiple Crestron systems
- Compatible with Wi-Fi® and mobile data networks
- Utilizes SSL secured communication
- Requires no special server or third-party service
- Full software functionality provided via in-app purchases

The Crestron® App (CRESTRON-APP-ANDROID) turns an Android™ OS device into a mobile Crestron touch screen, enabling complete control of AV systems, lighting, shades, climate control, security, and other systems from virtually anywhere. The Crestron App can be programmed with Smart Graphics® technology, making it easy to deliver a custom user experience that is both dynamic and intuitive. Additional capabilities include viewing video from IP-based security cameras, communicating with other Crestron touch screens using the Rava® SIP Intercom, and seamless integration with third-party apps.

The Crestron App is available for download through the Google Play™ application<sup>1</sup>, with full software functionality provided via in-app purchases. The Crestron App is compatible with 3-Series® and 4-Series™ control systems.<sup>2</sup>

### Global Connectivity

The Crestron App supports Wi-Fi® and mobile broadband network connectivity to ensure constant access to your home or office Crestron system. No extra charges or special servers are required: The Crestron App communicates directly over the data network with your Crestron control system for a seamless mobile control experience. SSL (Secure Sockets Layer) provides a secure data connection for remote access.<sup>3</sup>

### Smart Graphics Technology

Smart Graphics enables programmers to integrate fluid gesture-driven controls, animated feedback, and rich metadata into the Crestron App mobile user interface. Smart Graphics provides dynamic features such as graphical buttons and sliders, lists and toolbars, drag-and-drop objects, dashboard widgets, screensavers, and customizable themes for a unique control experience. Smart Graphics projects created for the Crestron App can be sent to Crestron touch screens and other Android devices for a consistent look and feel without requiring any modification.

### Third-Party App Integration

To ensure a seamless control experience, other third-party apps can be launched within the Crestron App. For instance, after using the Crestron App to select a television source, you can open your TV service provider's app to view the program guide, and then resume control of your home theater without having to relaunch the Crestron App.

### Streaming Video

View live motion video directly from the Crestron App.<sup>4</sup> Video can be displayed in a window within the Crestron App, allowing video to be viewed while performing other functions within the app. Native support for the H.264 and MJPEG formats allows for the display of live video images from IP cameras and streaming encoders such as the [DM-TXRX-100-STR](#) HD streaming transmitter.<sup>5</sup>

### Rava SIP Intercom

Rava® SIP Intercom Technology enables hands-free wireless communication with other touch screens, door stations, and mobile devices. Rava works over Ethernet, supporting 2-way intercom and paging without requiring any special wiring. Use the Crestron App to make or receive calls from other Rava-enabled devices throughout your residence or workplace.

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### Specifications

#### Compatible Devices

<b>Android™ OS Devices</b>	Requires Android OS 4.1 (or later) and a mobile broadband or Wi-Fi® network connection <sup>3</sup> ; Intel® x86 based Android devices are not supported
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#### Video

<b>Streaming Formats</b>	H.264 (MPEG-4 part 10 AVC), MJPEG; Requires purchase of full app functionality
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#### Audio

<b>Intercom</b>	Supports Rava® SIP Intercom
<b>Audio Feedback Formats</b>	MP3

#### Maximum Project Size

<b>Standard App Functionality</b>	Two pages and one subpage
<b>Full (Paid) App Functionality</b>	Unlimited (dependent upon available device memory)

#### Control System Requirements

Crestron 2-Series, 3-Series®, or 4-Series™ control system with Ethernet connectivity<sup>2</sup>;  
Some control systems with limited memory may require direct project load to the mobile device;  
Memory requirements are dictated by the compiled Crestron App project size

### Model

**CRESTRON-APP-ANDROID**  
Crestron® App for Android™ OS

### Available Accessories

For supported accessories, visit the CRESTRON-APP-ANDROID product page at [www.crestron.com](http://www.crestron.com).

#### Notes:

1. The standard (free) version has limited capability to control only a few basic devices and functions. Most applications require the full paid version.
2. Control system(s) sold separately. Not compatible with Adagio, DIN-AP2, MC2E, MC2W, MP2, MP2W, QM-RMC, or QM-RMCRX-BA control systems.
3. Requires a mobile device with a Wi-Fi® network or mobile broadband connection.
4. Streaming video capability requires the full paid version of the Crestron app.
5. Product(s) sold separately.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to [www.crestron.com/warranty](http://www.crestron.com/warranty) for full details.

The specific patents that cover Crestron products are listed online at [patents.crestron.com](http://patents.crestron.com).

Certain Crestron products contain open source software. For specific information, please visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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