



KMC Connect Lite™ Mobile Application

DESCRIPTION

KMC Connect Lite is a mobile app that saves time and money by providing fast in-the-office or in-the-field configuration of unopened and unpowered KMC Conquest controllers using NFC (Near Field Communication) technology.

With KMC Connect Lite (P/N **CONNECT-LITE-MOBILE**), you can:

- Interact with KMC Conquest controllers while unpowered and still inside the factory packaging
- Read, Modify, and Write communication and application points
- View, Read, and Write device information history

KMC Connect Lite is designed for use with Android and Apple devices and is available for download from the [Apple App Store](#) and [Google Play](#). Although the download is free, a license must be purchased from KMC to use the app.

APPLICATIONS

Configurable KMC Conquest Controllers

The following NFC-enabled KMC Conquest controllers are configurable using KMC Connect Lite:

- **BAC-5900 Series BACnet General Purpose Controllers**
- **BAC-9000 Series BACnet VAV Controller-Actuators**
- **BAC-9300 Series BACnet Unitary Controllers**

To find out more information about KMC Conquest controllers, see the [KMC Conquest Selection Guide](#) and the [KMC Conquest Controller Application Guide](#).



Connect Lite Configuration Screens

The **Read** screen is used to:

- View the current configuration settings of a controller
- Save controller-specific configuration settings as a template for future projects

The **Write** screen is used to:

- Modify a controller's configuration settings
- Save model/application-specific templates
- Increment data for fast configuration
- Write settings to one or multiple controllers

The **History** screen is used to:

- View a previous read or write event activity
- Email event history items from the mobile device
- Clear one or all of the history items from the mobile device



SPECIFICATIONS/REQUIREMENTS

NOTE: The KMC Connect Lite™ app for NFC configuration is protected under United States Patent Number 10,006,654.

Android

KMC Connect Lite can run on Android devices meeting the following requirements:

- Android device with NFC or Bluetooth and Android 4.3 or later installed
- If NFC is not supported but Bluetooth is, use an HPO-9003 fob

NOTE: In some devices the NFC antenna is located on the battery. Verify an Original Equipment Manufacturer's battery indicating NFC is installed.

Apple

KMC Connect Lite can run on Apple devices meeting the following requirements:

- Apple device with iOS 8.0 or later installed
- Compatible with iPhone, iPad, and iPod Touch using an HPO-9003 fob



ACCESSORY (HPO-9003)

An **HPO-9003** NFC-Bluetooth fob is required when using an Apple device or an Android device that does not have NFC. The device must support BLE (Bluetooth Low Energy or “Bluetooth Smart”).

Physical Characteristics

Dimensions	2.7 x 1.7 x 0.7 in. (6.8 x 4.2 x 1.8 cm)
Weight	1.06 oz (30 g)

Electrical Characteristics

Battery	Internal rechargeable lithium-polymer battery 3.7 VDC, 300 mAh
Expected battery life	Approximately 10,000 reads
Charge time	Approximately 2.5 hours via standard USB port with supplied USB-A male to Micro-A male cable

Environmental Limits

Operating	14 to 158° F (-10 to 70° C)
-----------	-----------------------------

Scanning Characteristics

Frequency	13.56 MHz
NFC read range	Up to about 1.5 in (4 cm)

NOTE: To meet FCC regulations and enhance data communication reliability, NFC operation should only be used when the controller is not powered.

SUPPORT

For information about KMC Connect Lite installation and using the app for configuration of KMC Conquest controllers, see the [KMC Connect Lite Mobile App User Guide](#).

Additional resources for installation, configuration, application, operation, programming, upgrading, and much more are available on the web at www.kmccontrols.com. Log in to see all available files.

