



# KMC Commander® Selection Guide

## Open, Secure, and Scalable IoT and Automation Platform

### 1. KMC COMMANDER BASE PACKAGES

Start with selecting one of these base packages with your desired connectivity type.



KMC Commander® is a next-generation IoT (Internet of Things) solution that connects your building and other devices to the cloud and provides meaningful data in real-time to your PC or mobile device. Built with Intel inside, the hardware includes a plug-in PoE (Power over Ethernet) power supply, two Ethernet ports, DIN-rail mounting, and a rugged, fanless design.

All base packages include Wi-Fi connectivity and an antenna that are used for setup (and then normally turned off). Optionally, Wi-Fi can be used during normal operation for network connection in either Client or AP mode.

Additional cellular (AT&T or Verizon) connectivity and antennas are available.

**NOTE:** Click on P/Ns for ordering and additional information.

Select one of the following base packages:

- **Wi-Fi (Only)** [CMDR-V2-WIFI-BASE](#)
- **Verizon Cellular** [CMDR-V2-VRZ-BASE](#)
- **AT&T Cellular** [CMDR-V2-ATT-BASE](#)

In addition to **antennas** for Wi-Fi or cellular Internet connection, all base packages include the following items:

- **PoE Power Supply** [CMDR-D3-PWR-POE](#)
- **DIN Rail Mount** [CMDR-D3-DINMT](#)

**NOTE:** Purchase a license for the appropriate number of points (Step 2) and any accessories (Step 3).

**NOTE:** If desired, a third-party 12–57 VDC power supply can be used (with the supplied terminal block) instead of the included PoE (Power over Ethernet) supply. For optional flat wall/panel mounting instead of on a DIN rail, order separately a [CMDR-D3-WALLMT](#) mounting adapter (see Step 3). For additional questions, see Step 4.

### 2. POINT LICENSING

Select the number of points as required for your project's size.

Point licensing includes 1 year of software and security updates. Annual renewal licenses are available after 1 year to continue receiving these updates.

A **point** is a device data point that is alarmed, scheduled, trended, or used in control logic (such as temperature, humidity, voltage, setpoints, operation mode, and open/closed switch status). Not all points in a controller will be points of interest. Points manually selected to be continuously tracked count as points of interest and are licensed as such.

Each point of interest being pulled from a device uses 1 license point. For example, 60 controllers gathering 8 points of interest each would need a total of 480 license points. A 500 point license would cover this amount and provide room for small future additions to the project.

- 250 Points [CMDR-LIC-000250](#)
- 500 Points [CMDR-LIC-000500](#)
- 1,000 Points [CMDR-LIC-001000](#)
- 2,500 Points [CMDR-LIC-002500](#)
- 5,000 Points [CMDR-LIC-005000](#)
- 10,000 Points [CMDR-LIC-010000](#)

**NOTE:** For renewals after the first year, see the [Data Sheet](#).

### 3. ADDITIONAL ACCESSORIES

*Optionally select any accessories useful for your project.*

PoE Power Supply (Replacement)	<a href="#">CMDR-D3-PWR-POE</a>	Ethernet Patch Cable	
DIN Rail Mount (Replacement)	<a href="#">CMDR-D3-DINMT</a>	• 50-foot cable	<a href="#">HSO-9001</a>
Wall/Panel (instead of DIN) Mount	<a href="#">CMDR-D3-WALLMT</a>	• 50-foot cable, plenum-rated	<a href="#">HSO-9011</a>
Enclosure, Steel, with Locking Door		• 75-foot cable, plenum-rated	<a href="#">HSO-9012</a>
• 16 x 18 x 6 inches	<a href="#">HCO-1034</a>	MS/TP-to-Ethernet IP BACnet Router	<a href="#">BAC-5051E</a>
• 20 x 24 x 6 inches	<a href="#">HCO-1035</a>	KMDigital-to-BACnet Translator	<a href="#">KMD-5551E</a>
• 24 x 36 x 6 inches	<a href="#">HCO-1036</a>		
Antenna Extension Cables			
• 3-foot cables (set of two)	<a href="#">CMDR-ANT-EXT-3</a>		
• 15-foot cables (set of two)	<a href="#">CMDR-ANT-EXT-15</a>		

### 4. ADDITIONAL INFORMATION AND FREQUENTLY ASKED QUESTIONS

*See below for finding the information you need!*

Where can I see case studies of how KMC Commander has been used? See the [KMC Commander Solutions](#) page.

What videos are available? See the [KMC Commander playlist](#) on the KMC Controls channel on YouTube.

How is KMC Commander installed and configured? See the [Installation Guide](#).

What IT information is required before installation? Log into the KMC Controls web site and see the [KMC Commander IT/Network Information Technical Bulletin](#).

How do I administer a KMC Commander project? Log into the KMC Controls web site and see the [KMC Commander \(Cloud\) System Administration Application Guide](#).

For all the following questions, see the [Data Sheet](#):

- Why purchase the Wi-Fi Base Package?
- Why purchase a Cellular Base Package?
- What is a Points (of Interest) License?
- How does licensing work?
- What is the Commander Cloud Service?
- What communication protocols does KMC Commander support?



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