

# HOW MUCH MORE CAN YOUR BUILDING DO?

Rethink building control to optimize results for  
convenience, compatibility, and cybersecurity

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Honeywell Optimizer Advanced Controller

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**Honeywell**

# HONEYWELL OPTIMIZER ADVANCED CONTROLLER

Convenient, compatible, and cybersecure.

We believe plant control should be easy to install and use, even if you're new to the job. Capabilities should be easy to add, without rip-and-replace. And controls should have built-in cybersecurity to protect operational technologies (OT), closing the backdoor to IT networks.

## THE NEXT GENERATION OF IP CONTROL

It's time to rethink building control to optimize flexibility and results – like the energy efficiency to meet goals for sustainability and indoor air quality at the same time.

That's why we've reinvented control from the ground up, to lower your costs and simplify use for the challenges you face today.

## INSTALL & SERVICE FASTER

- Lower your installation and lifecycle costs.
- I/O modules can be serviced without moving adjacent modules or rewiring. Modular and universal I/O types
- Numerous other ways to simplify wiring: no shared grounds; single stacked terminals; jumper bars; removable color-coded terminal blocks
- Compatible with legacy Honeywell Panel Bus I/O modules
- Wi-Fi and Bluetooth enabled options available

## ORDERING INFORMATION

PART NUMBER	BLUETOOTH	WI-FI	ETHERNET PORTS (ISOLATED + SWITCHED)	HMI PORTS	RS485 PORTS
N-ADV-134-H	No	No	1+3	Yes	4
N-ADV-133-H*	Yes	Yes	1+3	Yes	3
N-ADV-112-H	No	No	1+1	Yes	2

\* Region specific Wi-Fi and Bluetooth options available

## RETHINK BUILDING CONTROL

The Honeywell Optimizer Suite

[hwll.co/optimizersuite](http://hwll.co/optimizersuite)

## EASIER OPERATION

- Simplify integration, routing, and plant control, even for new hires.
- Remotely manage via cloud connections to Honeywell Remote Building Manager or third-party systems
- Daisy-chaining simplifies network deployment and improves fault tolerance
- Hand-Off-Auto (HOA) display can manage local I/O channels and overrides, with or without controller

## READY FOR WHAT'S NEXT

- The Optimizer platform makes it easy to upgrade capabilities, now and in the future.
- Send and receive more data, more securely, via IP
- Manage strategic goals more effectively, such as sustainability and building health
- Rigorous cybersecurity protects BMS and OT systems



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## CYBERSECURE BY DESIGN

Costly breaches often start with OT systems. That's why Optimizer is built with some of the industry's most rigorous cybersecurity.

**\$9.44 MILLION**

Average cost of a U.S. data breach in 2022.<sup>1</sup>

**\$4.54 MILLION**

Average cost of a ransomware attack in 2022.<sup>1</sup>

**300% INCREASE**

In cyberattacks in 2020.<sup>1</sup>

### SOURCES

<sup>1</sup> [IBM.com/reports/data-breach](https://www.ibm.com/reports/data-breach)

<sup>2</sup> [TheHill.com/policy/cybersecurity/493198-fbi-sees-spike-in-cyber-crime-reports-during-coronavirus-pandemic/](https://www.thehill.com/policy/cybersecurity/493198-fbi-sees-spike-in-cyber-crime-reports-during-coronavirus-pandemic/)

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