VX4 Energy Management Thermostat with Door Lock Integration

Setup your property to optimizing their ability to save on energy costs by pairing The Verdant VX4 Series Thermostat with a Door Lock Management System. This will deliver unprecedented energy savings without compromising comfort.

Key features

Hospitality Brand Compliance

Verdant integrates with industry-leading smart room technology, property management software, door locks and lighting solutions that hotels require.

Direct Door Lock Management System Setup

Allows a property to add an extra layer of occupancy detection by integrating door lock events with other systems in the room like lighting and HVAC and Property Management Systems.

Plug & Play Installation

Eliminates the need for an additional occupancy sensor to be installed at the front door.

Door Lock Compatibility

The VX4 works with door lock systems, making it the perfect fit for your HVAC intergration.

Platform	Brand(s)	Current Compatible Server(s)/Network(s)	Verdant Part Number(s) – Networked	Required Accessories
dormakaba	SafLok	Ambiance DLMS Version: XXX	VX4-TW, VX4-TR VX4-NTW, VX4-NTR	ACC-DK-1 ACC-ZIG-DK-2 (In Room) ACC-LIT-AC
Assa Abloy	VingLock VingCard	VisionLine DLMS Version: XXX	VX4-TW, VX4-TR VX4-NTW, VX4-NTR	ACC-AA ACC-LIT-AC
Onity	Trillium Serenity	Onportal DLMS Version: XXX	VX4-TW, VX4-TR VX4-NTW, VX4-NTR	ACC-BLE-ONI ACC-LIT-AC

One time service fee is required for integration: ZX-OL-DLI-COM

VERDANT
by **COPELAND**

Thermostat Specs

Mechanical

Case dimensions	5.60" x 3.46" x 0.91" (142mm x 88mm x 23mm)
Screen dimensions	2.60" x 1.65" (66mm x 42mm)
Operating temperature	32-105°F (0 - 41°C)
Display temperature range	32-99°F (0-41°C)
Setpoint temperature range	64-85°F (18-29°C)
Terminals	Fan High (GH) Heat Pump (OB) Fan Low (GL) Heat (W) Compressor (Y) AUX 1, AUX 2

Electicial

Operating Voltage	2 x 1.5VDC AA Alkaline Non-rechargeable Batteries - Not Supplied 24VAC or 12VDC

Communications

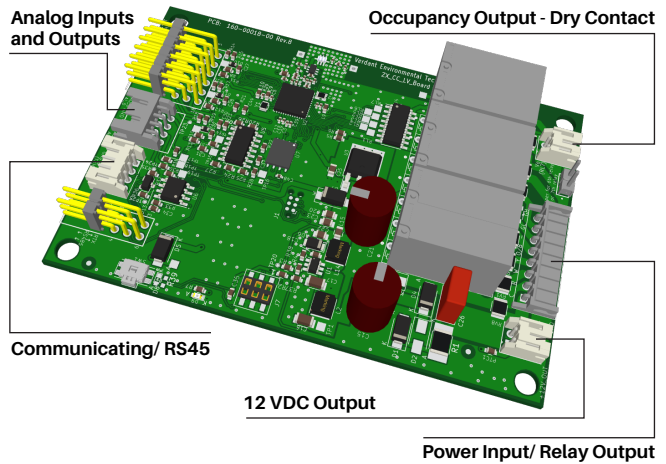|	
Wireless Frequency	902-928MHz (NA) 863-870MHz (EU)
Mesh Network	No provisioning needed. Proprietary 900MHz communication protocol
Bluetooth	2.4 GHz; used during commissioning, triangulation, and communication to wireless sensors
Zigbee	Module for Connected Room Upgrade VX-ZBU-HCR
Wired	4 wire RS-485 interface 3 wire connector for low-power sensor bus

Verdant Accessories

Online Connection Kit	ZX-OL-U
Wireless Control Card	AC-CC
Wallplate	VX4-WPT

Additional VX4 Assets

View Full Thermostat Profile	PROFILE
Download Submittal Sheet	SUBMITTAL

Wireless Control Card Specs

Mechanical

Case dimensions	4.08" x 2.76" x 1.02" (123mm x 70mm x 26mm)	
Inputs	(3) Analog 12VDC	
Outputs	(5) Terminal Relays (2) Aux Relays (3) Analog	(2) RS485 12VDC

Analog Inputs and Outputs

Occupancy Output - Dry Contact

Communicating/ RS45

12 VDC Output

Power Input/ Relay Output

Certifications

North America Certifications	ENERGY STAR: 3555667 FCC ID: 2A4JN-VX4001 IC: 28229-VX4001	
Europe Certifications	CE: Yes REACH: Yes	ROHS: Yes WEEE: Yes

To learn more, visit verdant.copeland.com

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