

Communication Module VCM8000V5045P

Communication Module for VT8000 Room Controller

Technical Cut Sheet

Accessory communication module that allows the upgrade of all network-ready VT8000 Series Room Controllers to support networking communication using the ZigBee® Pro wireless protocol.



VCM8000V5045P Communication Module Features



Overview

Accessory communication modules allow the upgrade of all network-ready VT8000 Series Room Controllers to support wireless communication.

All current network-ready VT8000 Series Room Controllers are capable of being retrofitted in the field with an accessory communication module. This enables the controllers to be integrated into a 2.4 GHz ZigBee Pro wireless network.

This approach provides the flexibility to add network communication strategies as budgets allow, or as building management needs change.



AT A GLANCE

Communication options

- ZigBee Pro extended profile (P)

Wireless Option

- Current generation of ZigBee Pro
- Makes VT8000 Series products compatible with SmartStruxure™ Lite solution's StruxureWare™ Building Expert
- Building Expert versions 2.5 and 2.6 offer a fixed Home Automation profile view of the controller and its objects.
- Building Expert 2.7 and subsequent versions offer an extended object profile view of the controller and its objects
- Building Expert 2.7 and subsequent versions can be integrated into SmartStruxure solution and other Schneider Electric building management systems

VCM8000V5045P Communication Module Features

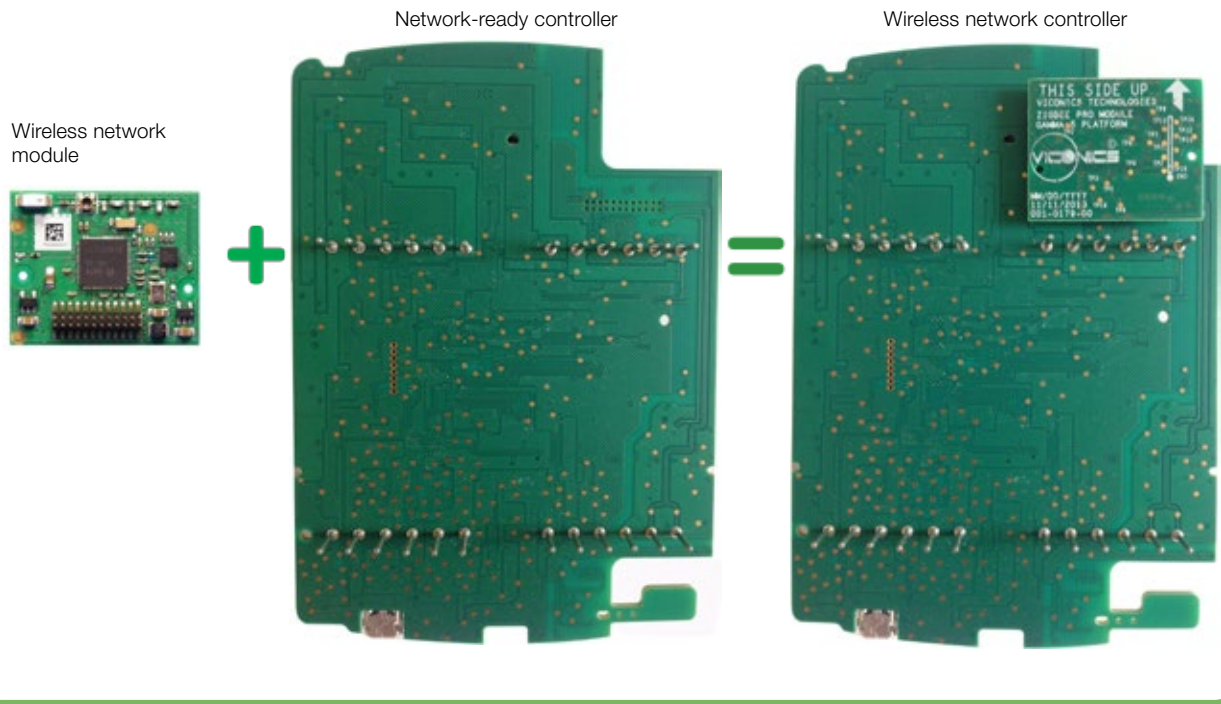
Easy Installation

VCM8000V5045P communication modules are easy to install. Network-ready VT8000 Series Room Controllers are specifically designed to enable upgrades to their communication capabilities.

Adding a communication module only takes a few minutes but provides a big advantage to existing installations that require new networking and integration functionality.



WHERE A COMMUNICATION MODULE FITS



VCM8000V5045P Communication Module

Specifications

Operating Conditions

0 °C to 50 °C (32 °F to 122 °F)

0% to 95% R.H. non-condensing

Storage Conditions

-30 °C to 50 °C (-22 °F to 122 °F)

0% to 95% R.H. non-condensing

Approximate shipping weight

0.34kg (0.75lb)

Module Profile

ZigBee Pro (HA Profile)

Frequency Range: 2405 - 2475 MHz for (channels 11 - 25)

Agency approvals wireless models

FCC: Compliant to: Part 15, Subpart C

EN 300 328 V1.8.1

EN 301 489-1 V1.9.2

EN 301 489-1M V2.2.1

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.



Check with your local government for instruction on disposal of these products.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Ordering information

ZigBee Pro extended profile (P)

VCM8000V5045P

ZigBee Pro extended profile retrofit communication module for all VT8000 Series