



**VT7682S5000W**  
**Wireless Central Manager**  
**For Commercial HVAC Applications**  
 (Issue Date January 10<sup>th</sup>, 2012– 028-6033 R0)

**PRODUCT OVERVIEW**

The Viconics VT7682S Wireless Central Manager allows for simple yet flexible management of multiple equipment controllers from one convenient location. Facility managers can now efficiently administer parameters for up to 60 room controllers with one Wireless Central Manager, saving both time and effort.

The Wireless Central Manager is compatible with all current Viconics wireless terminal equipment controllers including fan-coil units, rooftop units and heat-pump models. The Wireless Central Manager allows adjustment of set points, central system modes, global overrides, broadcasting of outdoor temperature and central alarm reporting for installed equipment. The Wireless Central Manager will even allow you to control more than one type of system simultaneously.



The Wireless Central Manager features an intuitive, menu-driven, back-lit LCD display, which guides users through simple parameters such as setting central temperature set-points, timed events, system mode and more.

The Wireless Central Manager Saves you time and money by providing a solution, which is simple to install, yet does not skimp on functionality. The Wireless Central Manager provides most of the basic required features of a DDC system at the cost of a typical standalone controller. The Wireless Central Manager allows for night setback functionality across previously independent programmable and non-programmable standalone thermostats, which results in a more energy-efficient, unified building system. Viconics has made it easier than ever to manage your building more effectively while saving energy with the VT768S Wireless Central Manager!

The additional following documentation is available on [www.viconics.com](http://www.viconics.com)

- Information on the Wireless models (VT7xx0X5x00W), is available on documents: *ITG-VWG-50-BAC-Exx* and *LIT-VWG-50-SETUP-Exx*
- Information on the survey tool available on document: *MAN-S-VWG-SURVEY-Exx*

**FEATURES & BENEFITS**

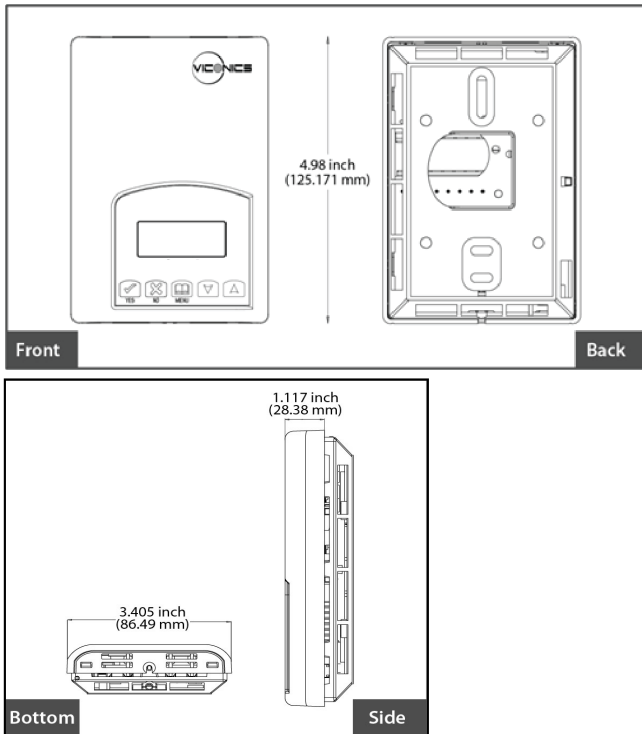
FEATURES	BENEFITS
Administer 60 controller units with one Wireless Central Manager.	Flexible control of multiple units with one central scheduler.
Compatible with all current Viconics wireless Terminal Equipment Controllers.	Insures flexibility without having to invest in new equipment.
Provides multi control functionality.	Wireless Central Manager can control more than one unit simultaneously.
Intuitive menu-driven, back-lit LCD display simplifies scheduling.	Easy to commission with user friendly LCD display.
Basic DDC system features built into Wireless Central Manager.	Provides all the basic required features of a DDC system in one small package.
Centralized 7 day scheduling (2 or 4 events).	Simplifies scheduling of multiple units.
Central remote outdoor sensing capability for added flexibility.	Centralized system lock out of heating and cooling modes.
Centralized remote alarm monitoring.	Provides easy alarm monitoring of zones which are in alarm mode from one central location.
Lockable keypads for tamper proofing. No need for Terminal Equipment Controller guards.	Eliminates tampering or unauthorized modifications of unit settings.
Allows for setting of central occupied heating and cooling setpoints.	Effortless adjustment of heating and cooling set points from one central location.

## SPECIFICATIONS

<b>Controller power requirements:</b> .....	19-30 VAC 50 or 60 Hz; 2 VA ( RC & C ) Class 2 RC to RH jumper 2.0 Amps 48 VA maximum
<b>Operating conditions:</b> .....	0 °C to 50 °C ( 32 °F to 122 °F ) 0% to 95% R.H. non-condensing
<b>Storage conditions:</b> .....	-30 °C to 50 °C ( -22 °F to 122 °F )
<b>Outdoor temperature sensor:</b> .....	-40 °C to 50 °C ( -40 °F to 122 °F )
<b>Wire gauge:</b> .....	18 gauge maximum, 22 gauge recommended
<b>Dimensions:</b> .....	4.94" x 3.38" x 1.13"
<b>Approximate shipping weight:</b> .....	0.75 lb ( 0.34 kg )
<b>Agency Approvals all models:</b> .....	<b>UL:</b> UL 873 (US) and CSA C22.2 No. 24 (Canada), File E27734 with CCN XAPX (US) and XAPX7 (Canada) <b>Industry Canada:</b> ICES-003 (Canada) <b>FCC:</b> Compliant to CFR 47, Part 15, Subpart B, Class A (US) <b>CE:</b> EMC Directive 89/336/EEC (Europe Union) <b>C-Tick:</b> AS/NZS CISPR 22 Compliant (Australia / New Zealand) Supplier Code Number N10696 <b>FCC:</b> Compliant to: Part 15, Subpart C
<b>Agency Approvals all models:</b> .....	
<b>Agency Approvals Wireless models:</b> .....	

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.

## DIMENSIONS



- When replacing an existing Terminal Equipment Controller, label the wires before removal of the Terminal Equipment Controller.
- Electronic controls are static sensitive devices. Discharge yourself properly before manipulating and installing the Terminal Equipment Controller.
- A short circuit or improper wiring may permanently damage the Terminal Equipment Controller or the equipment.
- All VT7000 series Terminal Equipment Controllers are designed for use as operating controls only and are not safety devices. These instruments have undergone rigorous tests and verification prior to shipping to ensure proper and reliable operation in the field. Whenever a control failure could lead to personal injury and or loss of property, it becomes the responsibility of the user or installer or electrical system designer to incorporate safety devices (such as relays, flow switch, thermal protections, etc...) and or an alarm system to protect the entire system against such catastrophic failures. Tampering with the devices or unintended application of the devices will result in a void of warranty.



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