VT8000 Room Controllers
Compatibility Matrix

VICONICS — Beyond Comfort

Compatibility Matrix — Viconics Technologies VTx83, VT86 & VZ82 ④

VT8000	1.4	1.5 & 1.6	1.7	2.0	2.1	2.2	2.3 ④	2.4	2.4.1	2.5	2.5.1	2.6
Plug-in Modules — VCM8002 (Wi-Fi)						1.0	1.0	1.1	1.2	1.3	1.4	1.4
VCM8000 (Zigbee Pro) ③ ⑥	6, 9, 10	9, 10	10, 20	20	22	23	24	30	30	31	31	32 ⑨
VCM8001 (CO2)			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zigbee Pro Wireless Sensors — Window/Door	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Motion	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Temperature			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Humidity			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO2			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water Leak			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SEC-TE — Rev 16 or later		✓⑦	✓⑦	✓⑦	✓⑦	✓⑦	✓⑦	✓⑦	✓⑦	✓⑦	✓⑦	✓⑦
MPM — Rev 2.18	✓①	✓①	✓①									
Rev 2.19	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①
Rev 2.20	✓	✓	✓	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①
Rev 2.21	✓	✓	✓	✓	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①
Rev 2.22	✓	✓	✓	✓	✓①	✓①	✓①	✓①	✓①	✓①	✓①	✓①
Zigbee Pro Wireless USB Adapter ⑧								✓	✓	✓	✓	✓
HRC — Rev 1.4 or later			✓②	✓②	✓②	✓②	✓②	✓②	✓②	✓②	✓②	✓②
Facility Expert								✓⑤	✓⑤	✓⑤	✓⑤	✓⑤
Uploader 8000 — Rev 1.0	✓	✓	✓	✓	✓							
Rev 2.0	✓	✓	✓	✓	✓							
Rev 3.x			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Uploader Config. of Wi-Fi											✓	✓

Part List

Description	Part List	
Wi-Fi Communication Module	VCM8002V5031	
Zigbee Pro Communication Module	VCM8000V5045P	
CO2 Sensor Module	VCM8001V5045	
Window/Door Sensor	SED-WDC-G-5045	(20x Total)
Motion Sensor	SED-WMS-P-5045 and/or SED-MTH-G-5045	
Temperature Sensor	SED-CO2-G-5045 and/or SED-MTH-G-5045 and/or SED-TRH-G-5045	
Humidity Sensor	SED-CO2-G-5045 and/or SED-MTH-G-5045 and/or SED-TRH-G-5045	
CO2 Sensor	SED-CO2-G-5045	
Water Leak Sensor	SED-WLS-G-5045	
Smart Terminal Controller	SEC-TEA-24-5045 SEC-TEA-230-5045 SEC-TEA-R-24-5045 SEC-TEA-R-230-5045	And more... Refer to SCE-TE documentation for more information.
Multi-Purpose Manager	MPM-GW-0I0-5045 MPM-UN-004-5045 MPM-UN-0I4-5045 MPM-VA-004-5045 MPM-VA-0I4-5045	And more... Refer to MPM documentation for more information.
Wireless Adapter - Advanced	SXWZBAUSB10001	
Hotel Room Controller	HRCPDG42R HRCPBG28R	

Legend

✓ = Full objects supported.

① = Partial objects supported (missing new objects).

② = HRC does not support CO2 and water leak sensors, and is not compatible with VT8650.

③ = Using older VCMs in the range 10-24 with VT8000 Room Controllers up to version 2.3 is not recommended, however will function with reduced features. From VT8000 version 2.4, VCM 30 or newer must be used.

④ = The VZ8250 requires VCM8000 (Zigbee Pro) revision 24 and later.

⑤ = Facility Expert is compatible with VT8650 RTU, VT8350 and VTR8350.

⑥ = The hardware revision number is found underneath the VCM module. The firmware (starting at version 20) on 051-0131R11 and later is upgradable and downgradable. The firmware on 051-0131R10 and earlier cannot be upgraded.

⑦ = SEC-TE is compatible with VTR8350 only.

⑧ = The Wireless Adapter - Advanced enables Zigbee 3.0 wireless connectivity for AS-P/AS-B Automation Servers and RP-C/RP-V Room Purpose Controllers.

⑨ = Zigbee network high security level support starts at VT8000 firmware revision 2.6 and Zigbee firmware revision 32.

(empty) = Not supported.

NOTICE

UPGRADE OF ZIGBEE FIRMWARE REVISION 24 TO 30

The upgrade from Zigbee firmware revision 24 to 30 will **not** support the Green Power Sensor (SED-CO2-G-5045 or SED-TRH-G-5045). It will therefore need to be recommissioned.

There is also a new "Security Levels" parameter for the Zigbee network:

- **Low** (default value) is fully backwards compatible with Zigbee Home Automation 1.2 devices, and therefore compatible with all of our sensors.
- **Normal** or **High** (needs to be selected by user) is only compatible with Green Power and Zigbee 3.0 network standard (Leedarson sensors). If the Normal or High Security Level is selected with old NYCE or Centralite sensors, they will be removed from the network.

Failure to follow these instructions can result in equipment being disconnected from the network.

NOTICE

TOUCHSCREEN ISSUES

A new Printed Circuit Board Assembly (PCBA) is used in the latest version of the Room Controller hardware:

- **Firmware 2.6 and newer**: Works with both the old and new hardware.
- **Firmware 2.5 and older**: Does not work with the new hardware, making the touchscreen inoperative.

Do not downgrade the firmware on the new hardware. If you have issues with your Room Controller touchscreen, upgrade your device to Firmware 2.6 or newer.

Failure to follow these instructions can result in equipment malfunction.