



## Comparison Chart

Feature Description	Omnia OMN-RCV3 Paradox	PC5132-RS DSC	Gemini RECV-16 Napco
<b>Operating Frequency</b>	433MHz	900MHz	900MHz
<b>Zones</b>	8 (Spectra) 16 (Digiplex/ DigiplexNE)	32	16
<b>Remote Controls</b>	8 (Spectra) 16 (Digiplex/ DigiplexNE)	16	uses a zone
<b>Full Supervision</b>	<a href="#">Yes</a>	Yes	Yes
<b>Auto-Panel Recognition</b>	<a href="#">Yes</a>	-	-
<b>Signal Strength Display</b>	<a href="#">Yes (10 levels)</a>	Yes (3 levels)	Yes (10 levels)
<b>Unused zones are not automatically assigned to the control panel</b>	<a href="#">Yes</a>	-	-
<b>Alarm LED continues to display while the motion detector is in Energy Save Mode (sleep mode)</b>	<a href="#">Alive software</a>	-	-
<b>Door contact with built-in universal transmitter</b>	<a href="#">Yes</a>	Yes	Yes
<b>Adjustable check-in time for transmitters</b>	<a href="#">Yes</a>	-	Yes
<b>8 actions on 4-button remote control</b>	<a href="#">Yes</a>	-	-
<b>Each button on every remote control is independently programmed</b>	<a href="#">Yes</a>	-	-
<b>On-board 5A relay outputs</b>	1 + 1 optional (controlled by remote control buttons 1 and 2)	-	-

Based on published information available 07/27/01. All product features subject to change. DSC is a registered trademarks of Digital Security Controls.

**P ▲ R ▲ D O X<sup>®</sup>**  
**S E C U R I T Y S Y S T E M S**

[www.paradox.ca](http://www.paradox.ca)

Printed in Canada - September 2001

# Full Supervision

The Omnia Receiver Module provides your Spectra, Digiplex or DigiplexNE system with effective supervision of its wireless transmitters.

## Which transmitters are supervised?

- All assigned motion detectors (OMN-PMD1)
- All assigned door contacts (OMN-DCT1)

## Which conditions are supervised?

- Zone opened
- Zone closed
- Tamper
- Low battery
- Check-in

## Does it use up zones?

Unlike other wireless systems, Omnia can communicate the tamper, low-battery and check-in supervision conditions directly to the control panel without occupying a zone in the system.

## Can I know from which zone the supervision failure originated?

The zone(s) that generated a tamper, low-battery (Digiplex/DigiplexNE only) and/or check-in supervision failure can be viewed through the trouble display of any keypad connected to the control panel. Depending on the communicator format used, the control panel can also report from which zone the supervision failure originated to the central monitoring station. This only functions with Digiplex and DigiplexNE.

[BACK](#)

# Auto-Panel Recognition

Omnia functions with Spectra (except 1758EX/1758), Digiplex and DigiplexNE systems by detecting which panel it is connected to and adjusting its internal parameters to function accordingly.

## So what's in it for me?

An industry first, this technology eliminates the need for different modules for each line. As a result, stocking and servicing are greatly facilitated as only one model needs to be kept on hand, resulting in lower servicing and inventory costs.

## It's Plug & Play!

This advanced technology also eliminates the need to assign the module to the control panel. As soon as Omnia is connected to the control panel's communication bus/network it is automatically recognized and assigned to the system. With other systems the installer is required to go through a complex multi-step procedure to enroll the module into the system. With Omnia, just connect the 4 wires and it's done.

[BACK](#)

## Signal Strength Display

When installing wireless transmitters it's important to know whether they are positioned in way that the receiver can effectively read the RF signals. That's why Omnia provides the installer with the capability of verifying the signal strength of each zone through any keypad connected to the control panel. By entering a section corresponding to the desired zone, the installer can view a graphical representation of the zone's relative signal strength. For example, with DigiplexNE on a scale of 1 to 10, a reading of 4 or higher would be considered adequate.

[BACK](#)

# Advanced Zoning Technology

Due to Spectra, Digiplex and DigiplexNE's intelligent communication protocol, Omnia can offer the following benefits.

Only the wireless zones you need will be assigned.

For example, if an Omnia Receiver Module is connected to a Digiplex control panel, but only 10 of the 16 wireless zones are required for the installation, the system will not force the 6 unused inputs to be assigned to a zone.

In most conventional systems as soon as a module is added to the system it automatically assigns all of its inputs to zones in the control panel. For example, with other wireless modules it is suggested that you install the module last because once it is installed it will assign all its supported wireless zones to the control panel and you may not have enough room to install your hardwired zones. With Omnia this is something you do not need to worry about.

Remote controls do not require zone assignment.

Unlike conventional alarm systems, Omnia's remote controls do not need to be assigned to a zone. Since they do not use up a zone, every Omnia remote control is offered in addition to its security zones.

Using other systems in an installation that requires the use of 20 remote controls will reduce the capacity of your security system by 20 zones. With Omnia you could have the 20 remote controls and keep those 20 zones where you need them most - for the system's detection devices.

[BACK](#)

## Exclusive Alive Software

Omnia's exclusive Alive software provides a continuous detection display without compromising battery life, especially in high-traffic areas.

### Energy Save Mode

After having transmitted an open zone the OMN-PMD1 will activate its Energy Save Mode. During the next 5 minutes, the OMN-PMD1 will no longer transmit any open zones to conserve battery life.

### How do I know it's still functioning while it is in Energy Save Mode?

With Omnia's exclusive Alive Software, the motion detector will continue to flash its red LED to indicate a detection even while it is in Energy Save Mode. So even though the motion detector is not transmitting any open zones for 5 minutes, you will always know if it has detected movement and that it is still functioning. Only Omnia can offer this unique feature.

[BACK](#)

## Universal Transmitter Input

The OMN-DCT1's built-in zone input terminals enable a hardwire detection device to become wireless. A switch, sensor or detection device can be connected to the universal transmitter input terminals to provide wireless transmission of the device's open/close status to the Omnia Wireless Receiver Module. For example, the state of a water level sensor can be transmitted through the door contact to the receiver module.

[BACK](#)

## Check-in

Each motion detector and door contact will send a Check-in signal every 6 minutes, 12 minutes, 6 hours or 12 hours to confirm their presence and functionality. For the highest security, select the shortest time interval (6 minutes). Selecting the longest time interval (12 hours) consumes the least amount of battery life.

[BACK](#)

## Remote Controls

Each remote control is assigned to a user in the system, enabling the receiver module to identify who used a particular remote control and what action was performed.

This information can then be reported to the central monitoring station. Each button or combination of buttons can be individually programmed to perform one of either 13 (Spectra) or 15 (Digiplex/DigiplexNE) specific actions, such as arming, disarming, generating a panic alarm and activating PGMs.

[BACK](#)