



### WMD515 Wireless Passive Infrared Motion Detector (AEC200 Series)



#### WMD515 WIRELESS PASSIVE INFRARED MOTION DETECTOR (AEC200 SERIES)

The Alpha Communications® **WMD515** Wireless Passive Infra-Red Detector is for use with the AlphaEcall™ 200 series (AEC200) Wireless Emergency Call System. The detector features advanced digital signal processing to recognize "human signature" size and movement, reducing false alarms. The **WMD515** has a tamper protected case and the 3V lithium battery is included.

The **WMD515** Wireless Passive Infra-Red motion detector with pet immunity is designed for residential and low-traffic commercial applications, with less than 100 activations a day. This PIR uses advanced signal processing to provide outstanding catch performance with unsurpassed false alarm immunity. With Pet Friendly pet immunity, alarms triggered by animals are greatly reduced.

#### FEATURES

- Reliable 900MHz frequency EchoStream® operation
- Advanced digital signal processing recognizes human signature size and movement to reduce false alarms
- Sequence processor with bi-directional pulse counting and event verification
- Flat mounting
- Fire-retardant antique white ABS plastic housing

#### SPECIFICATIONS

<b>Dimensions:</b>	Height: 4.54" (116mm) Width: 2.50" (64mm) Depth: 1.60" (41mm)
<b>Detection Range:</b>	40 feet (12m)
<b>Power:</b>	Two (3) 3V Lithium batteries (included)
<b>Battery Life:</b>	Approx. 2 years (32°F-120°F)
<b>Environment:</b>	-20°C-60°C (-4°F-140°F); up to 90% non-condensing relative humidity
<b>Sleep Time:</b>	90 seconds
<b>Battery:</b>	3V Lithium (model <b>BA505</b> )

#### REQUIRED COMPONENTS

AlphaEcall™ 200 series Wireless Emergency Call System

#### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The wireless Passive Infra-Red Detector(s) shall be Alpha Communications® **WMD515** or approved equal. It shall use the 900 MHz frequency for signal transmission. The **WMD515**'s opaque Fresnel lens shall focus infrared energy on pyroelectric sensors, reducing false alarms caused by stray light or heat sources.

No physical wiring connections shall be required to transmit an alarm call. The **WMD515** shall be powered by a 3V lithium battery. Mounting hardware and housing shall permit flat wall mounting. The **WMD515** shall have advanced digital signal processing that recognizes human signature size and movement to reduce false alarms.

Alpha Communications® has designed the AlphaEcall™ 200 (AEC200) Series to work as a fully integrated system. Its **AEC200DM** Master Station has been carefully designed and matched to work with AlphaEcall™ AEC200 wireless and

wired peripherals. Alpha Communications® will not warrant or support components of AlphaEcall™ AEC200 that are purchased separately unless the components are add-ons to previously sold systems. Alpha Communications® will also not warrant or support a system that is a mix of Alpha Communications® and Non-Alpha Communications® parts, unless prior written permission has been obtained. In order to track our systems and to inform facilities of software upgrades, full site information (site name, address and phone number) will be required when ordering. Site information and **AEC200DM** warranty number will also be required when requesting technical support.

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**Alpha Communications**

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