

INTRODUCING **RELIABLE** CLASS 6 RADIO TECHNOLOGY

Castle Care-Tech are pleased to offer 868MHz Class 6 wireless detection integrated into the range of Euro-MERiDIAN control panels or separate receivers which can be hard-wired to any alarm panel.



WHAT IS SO GOOD ABOUT THE 868MHz ECHOSTREAM TECHNOLOGY?

- Most 868 MHz wireless products run on one narrow-band channel (0.1 MHz wide), broadcasting at only 10mW of power. EchoStream technology broadcasts with 25mW of power on a number of different channels.
- Broadcasting with 25 mW of power gives a "line-of-sight" range of 1 km.
- Fully supervised with frequent "check-ins"

WHAT'S IN THE RANGE?

- **RECEIVERS:** A variety of receivers are on offer to accept signals from 4, 16 and 32 wireless transmitters
- **TRANSMITTERS:** We offer a range of PIRs, smoke detectors, glass break, single & double pendants, and universal transmitters
- **REPEATERS:** The line powered 868MHz repeater receives, decodes and re-transmits signals acting as a range expander. By adding repeaters into the network, large areas can be secured.
- **ZONE EXPANDER:** For the Euro-MERiDIAN we have a radio expander which fully integrates the radio technology with the alarm panel.

 **868**^{MHz}
multiple frequency