

# The Camera-Free Security System

Written by Marco Attard  
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Customers wary of indoor connected cameras spying on their every daily lives get a camera-free option with Xandem Home, a system using radio waves to monitor the home.



Based on motion-detecting wireless mesh networking technology, Xandem Home promises home security without the blind spots and false alarms found in traditional cameras and motion detectors. The technology essentially creates a "radio-frequency sensing web" across the entire floor plan. Movements affect the radio waves making the web, and algorithms detect and locate the causes of said disturbances, radar-style.

The radio waves travel through walls and furniture, and are generated by nodes users simply plug into wall power outlets. In turn the nodes connect with an internet-connected gateway, making for a fairly simple setup process. The maker adds the gateway integrates with other smart home products, allowing the system to control lights or thermostats, or sound on an alarm in case of break-in.

Control comes through a companion smartphone app complete with a map showing the real-time locations of home inhabitants, as well as traditional push notifications in case of motion detection, powered through a cloud-based service. Xander says the cloud-based portion of Xander Home is optional, and customers can integrate the system with home networks instead.

The Xandem Home system is currently available as a preorder on the Indiegogo crowdfunding service in packages featuring either 10 or 15 nodes.

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