

HUVO & SmartCell



SmartCell Lite Wireless Survey Kit Quick-Start Survey Guide

SmartCell Lite Wireless Survey Kit by Huvo

The SmartCell Lite Wireless Survey Kit provides installers with everything needed to conduct professional wireless fire alarm site surveys in one convenient, portable package. Designed by Huvo to streamline the survey process, this kit eliminates the need to source individual components separately, saving valuable time and ensuring you have the right equipment for every job.

Wireless fire alarm systems require thorough site surveys to verify signal coverage and identify potential interference issues before full installation begins. This essential step helps prevent costly callbacks and ensures reliable system performance. The SmartCell Lite Survey Kit makes this process straightforward and economical, containing a SmartCell control panel, wireless detector, battery pack and access poles all securely housed in a robust flight case.

Whether you're surveying a small commercial premises or assessing signal strength in challenging environments, this kit provides the tools needed to complete surveys efficiently. The included access poles allow testing at actual mounting heights, giving accurate results that translate directly to successful installations.

Quick-Start Survey Instructions

1. Remove the panel from its case and place it approximately where it will be installed. Avoid placing it on metallic surfaces, as this may affect signal performance.
2. Connect the portable battery pack to the SmartCell panel using the USB A to USB B cable (Battery Pack USB A → Panel USB B). Remove the white cover on the right side of the panel to access the USB ports.
3. The panel will power up and initialize; this may take up to 30 seconds.
4. Prepare the signal test detector: unclip the first-fix base and insert the three lithium batteries.

5. If the panel displays “Battery Supply Failure”, this is normal and can be ignored.
6. Press the tick (✓) button and enter the password 333333 to access the system menus.
7. Navigate to Device Options > Signal Level Test > All Devices.
8. The detector’s green LED will flash rapidly, indicating it is in signal level test mode. The panel screen will display “Signal Level Test in Progress.”
9. Attach the extension poles to the detector carefully, avoid over-tightening.
10. Move to the first device location, closing all doors behind you to provide the sites worst case scenario.
11. Hold the detector at the intended installation point for approximately 60 seconds, checking for any red LED flashes.
12. A single red LED flash indicates the signal is low and at its limit. If this occurs, try repositioning the detector within the room, following BS5839 guidelines, to achieve a more stable signal.
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14. Once all locations are tested, return to the panel and press the tick (✓) button to complete the signal test. Press 4 twice to return to the main menu, scroll to Log Out, and press the tick (✓).
15. Disconnect the battery pack to power down the panel, remove batteries from the detector, and disassemble the extension poles.
16. Return all survey kit components to their designated storage locations for safekeeping.
17. The survey is now complete.