

## Question: How can I overcome transmission problems with ease?

**Answer:** Use low-cost ABS boxes and Install both the TX and RX devices in an ABS housing outside the problem building to allow a clear line of sight for transmission.

### Recommended Products



**BOX420**



**MITKIT**

Certain environmental conditions can deaden the signal of wirefree transmission products so it's important to consider when you plan your installation.

Metal structures and objects act as a shield against transmission waves and can reflect or ground them which deaden the signal and the range of these devices.

Modern industrial units often have metal panels or roofs, even homes are sometimes insulated with foil back plasterboard. Metal containers and other metal objects between the line of sight of two transmission devices can all deaden the effective range of these products.

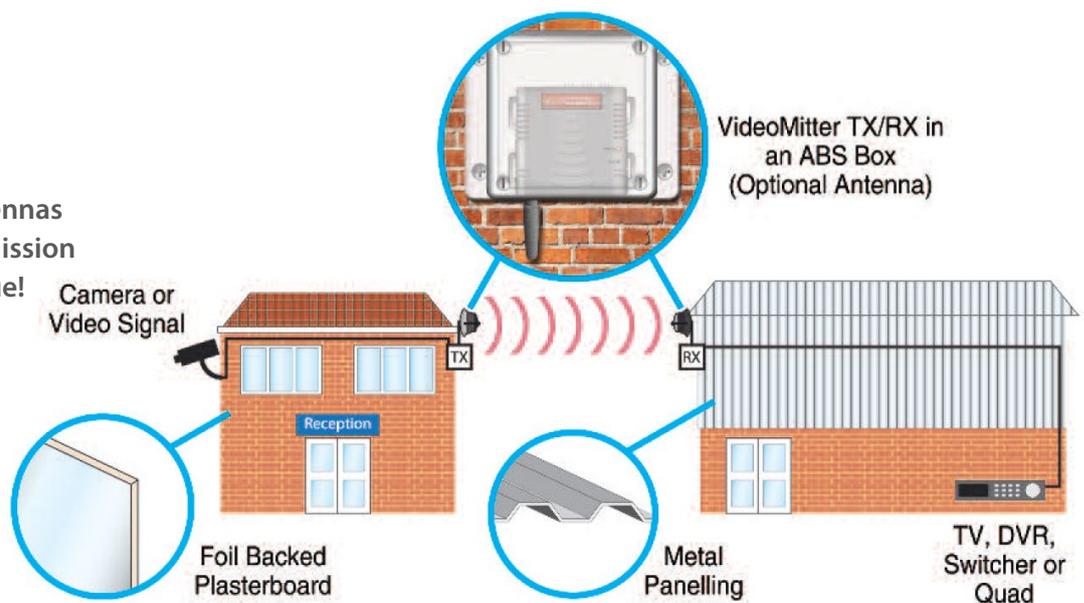
### What's the solution?

The answer is simple. Install both the TX and RX devices in an ABS housing outside the problem building. In the diagram below, each wirefree device is installed outside of the building in a waterproof ABS box allowing a clear line of sight for transmission. For longer ranges the ABS boxes can be drilled to allow an additional antenna connection at each end.

### Optional Products



The VideoMitter and Antennas can be found in the transmission section of our catalogue!



This CCTV installation tip is aimed at helping you to install CCTV equipment. If you are looking for answers on "how to fit CCTV" or perhaps "how to network a DVR or NVR" or even "how to get CCTV on your mobile phone" why not check out our full range of CCTV installation tips at: [www.systemq.com](http://www.systemq.com)

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