

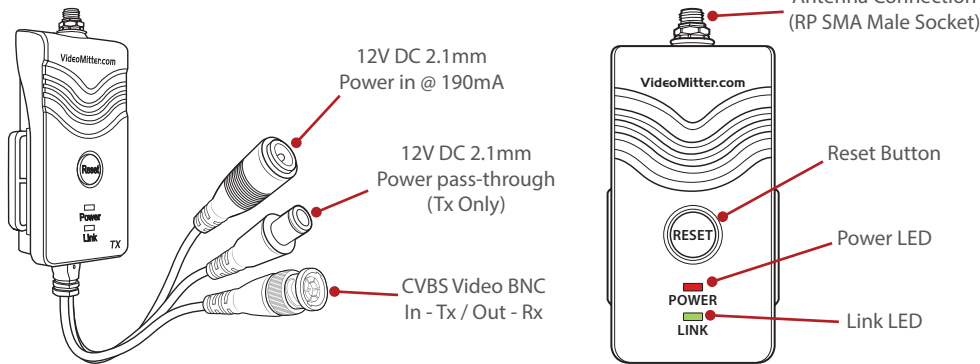


## Introduction

The MiniMits provide *wireless transmission of analogue video over short distances using the 2.4Ghz frequency*. Using the standard antennas supplied they work up to a maximum of 200m line of sight.

Note the MiniMitters only transmit standard CVBS analogue video signals and not CVI, TVI or AHD. If you are using a 4in1 CCTV camera please select CVBS output.

## Connections & Controls



## Powering

The MiniMits need powering with a suitable regulated 12V DC power supply. Both the TX and RX need powering individually. When they are powered up a red power light will come on.

## Antenna

The small antenna simply screws on to the top of the MiniMitter. Optional antennas are available to increase transmission range.

## Pairing

The MiniMits are supplied tested & paired up.

Only 1 receiver can receive video from one transmitter, ensuring private secure connections.

When both the TX & RX are powered up and in within transmission range of each other the green light will illuminate on them to indicate they are connected.

## You Will Need

- 2x 12V DC Power Supplies

## Items Included



- 1x Tx unit with pre-wired connections
- 1x Rx unit with pre-wired connections
- 2x Antennas
- 2x Double-sided Adhesive Foam Pads

## Specification

Video Input	CVBS
Frequency	2.4Ghz
Range	Up to 1Km (with additional antenna)
Power	12V DC (PSU Required)
Power Connection	2.1mm DC Socket
Current	190mA
Video Connection	BNC
Antenna	RP SMA Female
Dimensions	(H) 80 x (W) 40 x (D) 18mm

## Quick Links

### Full Product Manual

[www.systemq.com/PDF/manual/xMINIMITS.pdf](http://www.systemq.com/PDF/manual/xMINIMITS.pdf)

### CCTV FAQs, Tips & Guides

[www.softcctv.com/helpdesk/kb/index.php](http://www.softcctv.com/helpdesk/kb/index.php)

### Digital Documentation

Scan the QR code below and download digital copies of this Quick Start Guide and the full product manual.



**Note** - If you press and hold the reset button by mistake you will need to re-pair the units.

## Pairing Process

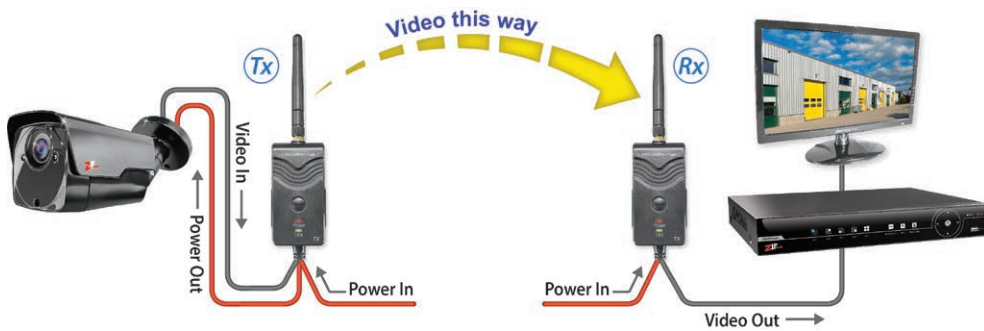
1. Connect 12V DC Power to both Tx and Rx.  
Press the **RESET** button down on the **RECEIVER** for 3 seconds. The Link LED will start to flash.
2. A countdown will start for 30 seconds, then press and hold the **RESET** button on the **TRANSMITTER** until the link LED starts flashing.
3. Once pairing is complete both Link LEDs will display solid **Green**.  
If a monitor is connected to the **RECEIVER** it will display a signal strength bar at the top left hand corner of the display.

## Connecting your Video Equipment

1. Connect your CCTV camera's video output to the BNC connector on the **TX**  
**Note** - if you are using a 4in1 camera you must switch it the CVBS (traditional analogue) as the MiniMitters only work with CVBS.

2. Connect your monitor or DVR to the output BNC connector of the **RX**

Your equipment would be connected as below.




## Fault Finding

When working you should have a green and red light on both the TX and RX. You should get the same video signal out of the receiver as you put in the transmitter.

Problem	Possible Solution
No red light on either the TX or RX.	No red light means no power. Please check your power supply and connections,
No green light.	This means the units are not wirelessly connected to each other. This could be because they are too far apart or not paired. For fault finding purposes bring them a few meters apart and see if they now show a green light. If it is now green they are working if not they probably need repairing.
No Video signal out of the RX.	If you have both a red and green light on BOTH units but no video signal out of the RX unit please make sure you are transmitting CVBS Analogue video. The MiniMits can not transmit TVI, CVI or AHD.
B&W video out of the RX.	If you are receiving a picture but it is B&W it is possible you are trying to transmit an AHD video signal, The MiniMits only work with CVBS. The CVBS signal is too weak going in to the TX unit or the cable is too long going out of the RX unit.

## Useful Extras

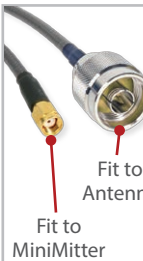
**Omni-Directional Antennas**  
Up to 300m range.  
Code: **AER535**



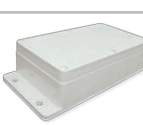
**Semi Directional Antennas**  
Up to 300m range.  
Code: **AER538**




**Directional Parabolic Antennas**  
Up to 1Km range.  
Code: **AER550**




**Antenna Cables**  
For use with the AER550 Parabolic antennas.  
0.2m Code: **CON902**  
0.5m Code: **CON905**  
1m Code: **CON910**  
2m Code: **CON912**  
5m Code: **CON915**



**ABS Enclosure**  
Internal - 147 x 79 x 28mm.  
Code: **BOX415**




**12V DC 500mA PSU**  
With 2.1mm DC Plug.  
Code: **POW151**



**BNC Socket to Phono Plug Adapter (2 Pack)**  
Great for connecting to an AV monitor.  
Code: **CON006**

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 This symbol on the products and/or accompanying documents means that used electronic equipment must not be mixed with general household waste. For treatment, recovery and recycling please return this unit to your trade supplier or local designated collection point as defined by your local council.  
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