

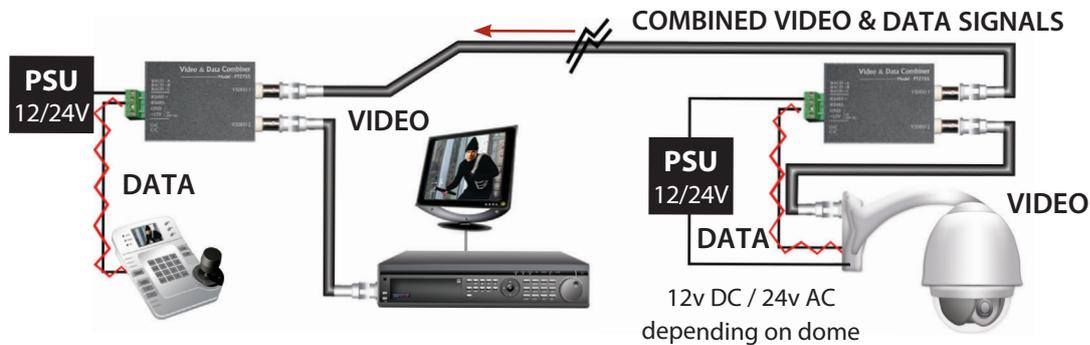
**How To:**

**CONTROL A PTZ CAMERA DOWN A SINGLE RG59 CABLE**

CCTV system upgrades are quite common once the benefits of using CCTV become clear to the user and usually the customer will want to get more out of their system. Often this may involve upgrading a static CCTV camera to one with Pan-Tilt-Zoom (PTZ) control.

Swapping the camera itself is a simple task

but it is often the cabling that can provide the installer with the biggest headache. Where a static camera can require only a video signal to be sent back to the DVR, a PTZ camera requires a data signal from the keypad or DVR to be sent back to the camera. Whilst this is usually done using a CAT5 twisted pair cable, on some jobs



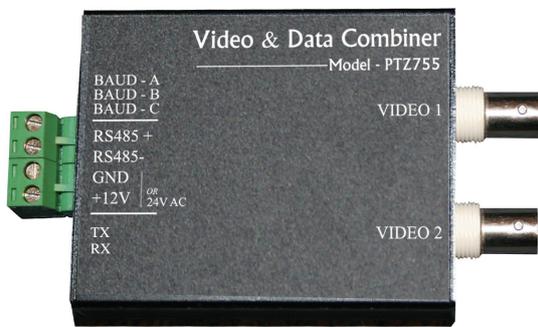
the installer is only left with a single RG59 or composite to work with.

Using a pair of Video & Data combiners, install one unit at the PTZ camera end, connecting the video signal from the camera to the BNC and the data cable to the terminal strip. Power the unit up using a 12V DC or 24V AC power supply. This can easily be shared from the PTZ camera as the

unit requires only 50mA at 12V DC.

At the control equipment end, the video output from the combiner can then be connected to the DVR, quad or monitor, whilst the PTZ keypad is connected to the terminal strip.

The existing RG59 cable run is simply connected to the video input of the combiner at each end using BNCs.



**Video & Data Combiner**

**The Mule4 will also send data and 3 videos down 1 co-ax**

**Please Note**

These "Technical Tips" help sheets aim to answer commonly asked questions in a concise and informative manner - they are for advice & guidance only and do not replace any of the manuals or other literature supplied with our products.

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