

Title: OS821/OS822
Product number: OS821/OS822
Brochure Number:
General:

Operation: The OS821 card has a video transmitter and a data receiver, so the video camera is plugged into this card and its' electrical signal is converted into an optical signal which is transmitted through the fibre optic cable. The same card (OS821) also receives an optical data signal that is converted back to an electrical signal, which is used to control the pan-tilt-zoom functions of the camera. The video and data signals are combined and the system requires only one optical fibre.

The OS822 receives the optical signal from the OS821 and then converts the signal back to an electrical signal, which goes to the monitor. There is also a PTZ control box that sends data signals to the OS822 card which converts it to optical signals and transmitted through the fibre optic cable to the OS821 card where it is converted back to an electrical data signal, where it is used to control the PTZ functions of the camera.

The reason for using fibre is that information can be sent from anything up to 25km with ease.

Illustration:

