

Digi-Ax - Multiplex System



- Power
- RS485 Data
- Genlock
- 270 Mbit SDI video

The **Digi-Ax** is a fully digital multiplex system for multiplexing power, data and SDI video down a single Co-axial cable. It has been specifically designed for use with remote cameras and remote pan & tilt heads.

Up to 4 channels can be fitted into a 1U base station each feeding a remote multiplex decoder/encoder box.

Data can be fed independently into each channel or all 4 channels can be linked with the same data.

The genlock loop is automatically steered from the base station achieving frame lock of each remote source. Colour black is generated at the remote end offering a perfectly clean genlock signal to the camera.

Power is only sent up the cable when a remote box is detected at the far end. 12v @ 2A is available at the remote end - enough to power most remote camera and head combinations.

Range without repeaters is up to 500metres with good quality cable.