

ATM-ENC6-R 6 way 19" Rack Mounting ATM Encoder
ATM-ENC12-R 12 way 19" Rack Mounting ATM Encoder
ATM-ENC6-D 6 way Desktop ATM Encoder



FEATURES

- Real-time compression
- Supports full frame rate
- Dual standard PAL/NTSC
- Audio input and output
- Direct interface to telemetry receiver

OVERVIEW

The ATM Video Encoder allows an analogue video signal to be digitally encoded, wavelet compressed, and transmitted on the ATM network. It can simultaneously transmit a full-motion picture for display on a monitor and a reduced frame rate picture for recording by a Digital Video Recorder. Up to 6 composite video inputs, or three S-Video, are supported.

The Encoder is available as a desktop unit and in a 1U high 19" rack mounted enclosure that has space for two Encoders. Audio support consists of one stereo or two mono audio channels in each direction; inputs are digitised and transmitted on the network, and incoming digital audio is converted to analogue signals on the outputs.

The RS422 port may be used for direct connection of a Destiny telemetry receiver or to convey commands to other equipment such as an analogue video matrix.

SPECIFICATIONS

Supply voltage	120-240V AC (Auto-ranging) (Range 88 to 132V; 176 to 264V)
Power consumption	25W
Mains Frequency	50/60Hz (Auto-ranging) (Range 47 - 63Hz)
VIDEO	
Format	PAL (50Hz) or NTSC (60Hz) selectable
Video sizing	Uses wavelet compression technology to provide various scaled pictures
Video performance	PAL up to 50fps NTSC up to 60fps PAL up to 720 x 576 pixels NTSC up to 720 x 486 pixels
Digital Audio	16-bit A-Law or u-Law (stereo/mono) formats. Sampling rate from 8kHz to 44.1kHz (CD) and 48kHz (DAT)
Rate control	Software configurable cell pacing for ATM output streams to ensure traffic compliance
ATM Protocols	AAL5 for all video data; AAL0.1 or 5 for audio and control data
ATM Connection	RJ45, 100mS, 25Mbps, UTP
Dimensions	1 U 19 inch metal unit that can be optionally expanded to house 2 Video Encoders, 482 x 138 x 44 mm. Single Encoder Desktop Unit 305 x 140 x 51mm
Weight	Single: 2.3kg Double: 2.6kg
Colour	Graphite Grey