

ATM-DEC-R	19" Rack Mounting, Single ATM Decoder
ATM-DEC-2	19" Rack Mounting, Dual ATM Decoder
ATM-DEC-D	Desktop ATM Decoder



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 Decoder converts a signal received over the ATM network from a Destiny camera or encoder back to analogue form for input to a monitor or video switching matrix. The output is available in both composite video and S-Video format.

The decoder is available as a desktop unit and a 19" 1U high rack mountable enclosure containing two ATM-Decoders.

Audio support consists of one stereo or two mono audio channels in each direction. Inputs are digitised and transmitted via the network, and incoming digital audio is converted to analogue at the output.

The RS422 port may be used for direct connection of a Destiny keyboard or ATM-Pico (ATM network interface unit), or to convey commands from other equipment such as an analogue video matrix.

SPECIFICATIONS

Supply voltage	120-240V AC (Auto ranging 88 to 132V; 176 to 264V)
Power consumption	25W
VIDEO Format	PAL (50Hz) or NTSC (60Hz) selectable
Video sizing	ITU-R601 standard
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	1U 19" metal unit that can be optionally expanded to house 2 Video Decoders, 482 x 138 x 44 mm Single Decoder Desktop Unit 305 x 140 x 51mm
Weight	Single: 2.2kg Double: 2.4kg
Colour	Graphite Grey