



General:

The DDC-3335 is part of a family of data transcoders for converting between the commonly used MPEG2 Transport Stream formats in the broadcast industry for video distribution.

The DDC-3335 accepts any ASI input data rate within the range of 1.5 Mb/s to 50 Mb/s.

The DDC-3335 accepts either a 188 or 204 byte packet format ASI signal. For a 188 byte packet ASI input, Reed Solomon check bytes are automatically added to convert the signal to a 204 byte packet signal. For a 204 byte packet ASI input, existing RS check bytes are over-written.

Interleaving and Energy Dispersal (Scrambling) of the signal is also performed. These two functions may be disabled by the insertion of on board links.

188 to 204 byte conversion & RS encoding are also link enabled/disabled. Disabling 188 to 204 byte conversion disables RS insertion and interleaving automatically. Two ASI and 1 SPI outputs conforming to the DVB standard are provided.

The addition of RS encoding and optional Interleaving and Scrambling make the DDC-3335 suitable for preparing an ASI signal for transport over Telecom type lines or, in conjunction with IRT's MDT-3510 QPSK modulator, microwave links.

The signal is also monitored for MPEG2 transport stream sync errors and provides front panel LED indications for input packet byte length, loss of input and loss of sync. Alarm relay contacts are also provided on the rear connector for remote monitoring of alarm status.

The DDC-3335 is fabricated in IRT's standard Eurocard format and may be housed in a variety of IRT Eurocard frames alongside other standard modules.

DDC-3335 Technical Specifications



Detailed specifications available from:

Local Agent:

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