



Tiernan Video SE4000 MPEG-2 DVB Video Encoder System



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Tiernan Video SE4000 MPEG-2 DVB Video Encoder System is available to buy in increments of 1
DVB Modulator & MPEG-2 Encoder in one unit



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SE4000 MPEG DVB CONTRIBUTION ENCODER

Tiernan Video's SE4000 MPEG-2 DVB Contribution Encoder System is ideal for mobile broadcast content distribution applications as well as network and cable headend use. The 4000 Series Tiernan MPEG-2 Video Encoder combines best in class modulation technology with proven IDC encoding to provide a complete encoder and modulator solution.



Ease of Operation

There is a complete set of backlit alphanumeric full travel buttons on the front panel for easy configuration, even in the dark. The large LCD display is illuminated yet provides high contrast for visibility in direct sunlight. The power switch is on the front panel for easy access. There are 24 user-programmable preset configurations that can be named, stored and recalled from the front panel menu.

Reliability and Affordability

By using the latest integration of MPEG and low power digital electronics technology, the SE4000 combines a complete modulator and encoder in a small, low power, quiet, highly reliable and feature rich package. The SE4000 even includes redundant cooling fans with fault monitoring to ensure trouble free operation under the harshest of conditions.

Direct Connection to ODU and Monitoring IRD

Systems no longer require external splitters or upconverters when using the SE4000. The SE4000 is capable of delivering DVBs or DVB-S2, QPSK, 8PSK, 16QAM or 16APSK modulation in IF frequencies of 70 MHz and 140 MHz, plus an L-Band output from 950 to 2050 MHz. These outputs will interface to virtually any traditional upconverter and the latest low power low cost block upconverters (BUC), allowing significant savings in system equipment cost and complexity. The modulator may also be fitted with an optional high-stability 10 MHz reference.



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Conditional Access

BISS Mode 1 and E are supported by the SE4000, in addition to the IDC proprietary Privacy Guard Conditional Access (PGCA). PGCA is a fixed key scrambling system that is included as a standard feature in most IDC encoders and decoders. It is addressable and allows the decoder addresses to be added or deleted from the authorization list using the SE4000 front panel or remote control interface.

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