Fujitsu Advanced MPEG-4 AVC Technology

High performance over a wide range of encoded data rates providing exceptional video and audio fidelity

- 4:2:2/4:2:0 Simulcast Capability
- HD and SD Simulcast Capability
- Region of Interest Processing - Provides Best Picture Fidelity
- Low Encode-Decode Latency
- Non-Degrading 4:2:0 Concatenation Protection
- Data Stream Protection with Advanced FEC/ARQ
- VoIP Full Duplex Communication
- Auto-sensing Gigabit Ethernet Output with DVB-ASI or DVB-S/S2 Built-in Modulator (option)
The Fujitsu IP-9500 high performance encoder is field proven by global television networks to provide superior performance over a wide range of encoded data rates, making it highly suitable for applications ranging from low data rate <12Mbps 4:2:0 format News Gathering to high value live events at high data rates>30Mbps in 4:2:2 format. It is also highly suited to IP backhaul where a high degree of protection and fidelity is afforded to high value content. The IP-9500's robust MPEG4 compression technology enables high value HD content to be carried within an existing SD channel. When combined with the optional built-in DVB-S2 modulator provides up to 70% bandwidth savings compared with older MPEG-2 systems.

The IP-9500 high performance encoder utilizes advanced Fujitsu technology to provide industry standard MPEG-4 AVC encoding for real-time transmission of HD/SD content at the highest bandwidth efficiency. Powerful error correction and retransmission technology protect the integrity over IP networks by preventing corruption and loss of data. The IP-9500 provides field proven superior performance and robustness making it perfectly suited for demanding fixed site operations.

IP-9500 provides flexible transmission options using 10T/100T/1G Ethernet for IP connectivity, DVB-ASI or DVB-S/S2 transports. With a low (280ms) encode-decode latency, IP-9500 is well suited for delay-sensitive live-event applications. Standard HD/SD-SDI and HDMI allow quick interconnects with HD/SD devices. A full-duplex VoIP intercom provides interactive communications between encoder and decoder locations.

For more information, call us at 877-766-7545 (toll free in the US) or visit our website at: http://us.fujitsu.com/video

Fujitsu Frontech North America, Inc.
25902 Towne Centre Drive, Foothill Ranch, CA. 92610

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