



Technical Specifications

SSP™ DIGITAL INSERTION EQUIPMENT	
TRANSPORT FORMAT	Digital MPEG-2 Transport Stream (ISO/IEC 13818-1)
SUPPORTED INTERFACES	IP and/or ASI
TRAFFIC SYSTEM SUPPORT	CCMS Standard; Scheduling and Verification Files
VIDEO COMPRESSION FORMATS	MPEG-2, MPEG-4; MPEG-Standards Throughout Insertion Event
AUDIO COMPRESSION FORMATS	AC3
VIDEO RESOLUTION	Standard Definition (SD) & High Definition (HD)
SUPPORTED TRANSMISSION TYPES	CBR, VBR (converted to CBR)
INSERTION EVENTS	GOP-Accurate, Nearest I-Frame
TRANSPORT STREAM ANALYSIS	PCR Jitter, Bit Rates, PIDs, Stream Quality
INSERTION TRIGGER	Network-embedded DPI Flags; Decrypted
SCTE SPECIFICATIONS	SCTE 35
INTERNAL VIDEO STREAM MANAGEMENT	
SPLICING	Included; Internal to Unit
DE-MUXING/MUXING	Included; Internal to Unit
GROOMING	As needed; Internal to Unit
PID REMAPPING	Included; Internal to Unit
SERVICE ID REMAPPING	Included; Internal to Unit
CHANNEL CAPACITY	Bit-Rate Dependent
CONFIGURATION	
PORTS	UP TO 2 GigE; UP TO 16 ASI IP/ASI COMBINATIONS CAPABLE
INTERNET PORT	Intel 82574L/82579DM GigE
GIGE PORTS	10/100/1000 Data Rate IEEE 802.3ab
ASI PORTS	4X BNC CONNECTORS
MIRRORED PORTS CAPABLE	YES

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MANAGEMENT	
MONITORING	GUI; Log file; Email alerts; SNMP
CONFIGURATION	XML
REDUNDANCY	Automatic Fail-Over with Redundant Unit (IP)
HARDWARE	
PROCESSOR	Intel Xeon Quad Core 3.10 GHz
STORAGE	2 TB (2x 1TB) 7200rpm SATA Hard Drives (RAID 1)
RAID MANAGEMENT	Intel Embedded Server Raid Technology
MEMORY	8GB, 1333MHz DDR3 ECC
BOOT DRIVE	ASUS 24X DVD
RACK SPACE	2 or 4 RU

