

# AVN ENCODER COMPARISON

	<b>AVN200</b>	<b>AVN210</b>	<b>AVN220</b>	<b>AVN420/VSiCaster</b>	<b>AVN422</b>	<b>AVN441</b>	<b>AVN443</b>
<b>VIDEO COMPRESSION</b>	MPEG-2	MPEG-2	MPEG-2	h.264 (MPEG-4 Part 10/AVC)	h.264 (MPEG-4 Part 10/AVC)	h.264 (MPEG-4 Part 10/AVC)	h.264 (MPEG-4 Part 10/AVC)
<b>BITRATE</b>	1.5 to 7.5 Mbps	1.5 to 7.5 Mbps	1.5 to 15 Mbps	100 kbps to 4 Mbps	HD 5-20 Mbps SD 2-10 Mbps	HD 5-20 Mbps SD 2-10 Mbps	HD 5-20 Mbps SD 2-10 Mbps
<b>FORMAT</b>	D1 to CIF	D1 to CIF	D1 to CIF	D1 to 1/2 CIF	1080p60 to 480i59	1080p60 to 480i59	1080p60 to 480i59
<b>ANALOG VIDEO INPUT</b>	Composite BNC S-Video	Composite BNC RCA, S-Video	Composite BNC S-Video	Composite BNC S-Video	N/A	Composite BNC Component	N/A
<b>DIGITAL AV INPUT</b>	N/A	N/A	N/A	N/A	HDMI / DVI-D	HDMI / DVI-D	HDMI / DVI-D SDI (SD, HD, 3G) w/Loop Through
<b>AUDIO COMPRESSION</b>	MPEG1-L2	MPEG1-L2	MPEG1-L2	MPEG1-L2, AAC	MPEG1-L2, AAC	MPEG1-L2, AAC	MPEG1-L2, AAC
<b>AUDIO INPUT (STEREO)</b>	Unbalanced 3.5mm Stereo	Unbalanced RCA Balanced XLR	Unbal & Bal Terminal Block	Unbal & Bal Terminal Block	Embedded, Unbal & Bal, Terminal Block	Embedded, Unbal & Bal, Terminal Block RCA	Embedded, Unbal & Bal, Terminal Block RCA
<b>AUDIO INPUT GAIN</b>	None	Preamp w Multi Controls	Preamp w Volume & Mute	Preamp w Volume & Mute	Preamp w Volume & Mute	Preamp w Volume & Mute	Preamp w Volume & Mute
<b>MANAGEMENT</b>	Browser PacTV Telnet RS-232 RS-422	Browser PacTV Telnet RS-232	Browser PacTV Telnet Serial (RJ-45)	Browser PacTV Telnet Serial (RJ-45)	Browser PacTV Telnet Serial (RJ-45)	Browser PacTV Telnet Serial (RJ-45)	Browser PacTV Telnet Serial (RJ-45)
<b>FORM FACTOR</b>	Box	1 RU Rack-mount	1x Slot Blade	1x Slot Blade	1x Slot Blade	2x Slot Blade	2x Slot Blade
<b>SMPTE-2022 FEC</b>	No	No	No	Future	Yes	Yes	Yes
<b>CC CLOSED CAPTIONING</b>	Yes (EIA-608)	Yes (EIA-608)	Yes (EIA-608)	No	No	Yes (EIA-608) (Composite Only)	Yes (EIA-608 & EIA-708) (SDI Only)
<b>MULTICAST</b>	Yes (IGMP v1, v2)	Yes (IGMP v1, v2)	Yes (IGMP v1, v2)	Yes (IGMP v1-3)	Yes (IGMP v1-3)	Yes (IGMP v1-3)	Yes (IGMP v1-3)
<b>POWER REQ</b>	100 - 240V 5.6 watt	100 - 240V 7.0 watt	100 - 240V 4.75 watt	100 - 240V 3.0 watt	100 - 240V 4.25 watt	100 - 240V 4.25 watt	100 - 240V 4.75 watt



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**Contract Holder**  
Contract GS-35F-0327X

