

Spec description

	VS-R264	VS-R265
Video inputs and outputs		
HDMI IN	HDMI v1.4a (Type A receptacle)	
HDMI OUT	HDMI v2.0 (Type A receptacle)	
Input Resolutions		
2160p	-	30 / 29.97 / 25 / 24 / 23.98 fps
1080p	60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 fps	
720p	60 / 59.94 / 50 fps	
576p	50 fps	
480p	60 / 59.94 fps	
Frame Rate Limiting	on/off	
Encode Scalling Resolutions	Passthrough / 1920x1080p / 1280x720p / 950x540p / 720x576p / 720x480p / 640x360p / 480x270p / 320x180p	Passthrough / 3840x2160p / 1920x1080p / 1280x720p / 950x540p / 720x576p / 720x480p / 640x360p / 480x270p / 320x180p
Encoding Format	H.264	H.264 / H.265
Encoding bitrates	500k to 30M bps	
Bit rate Control	Variable, Constant	
Key frame interval		
Seconds	0.25 – 16.5(default: 1) in 0.25 intervals	
Frames	3 – 1000	
Video streaming		
Supported protocols	RTMP, RTMPS, RTSP, HLS, RTP, UDP * H.265 format streaming only supports RTP and UDP.	
Number of simultaneous stream	8 (3 x RTMP/RTMPS, 1 x RTSP, 1 x HLS, 2 x RTP/UDP Unicast, 1 x RTP/UDP Multicast) * The streaming performance depends on resolution settings, transfer rate, and network environment.	
Audio inputs and outputs		
ANALOG IN (BALANCED)		
Connectors	Euroblock (balanced) 3.81 mm pitch	
Nominal input level	+4dBu(1.23Vrms, when Ref.Level set to other than -9dBFS) +6dBu(1.55Vrms, when Ref. Level set to -9 dBFS)	
Maximum input level	+15dBu(4.36Vrms, Ref.Level -9dBFS) +18dBu(6.16Vrms, Ref.Level -14dBFS)	

	+20dBu(7.75Vrms, Ref.Level -16dBFS)
Input impedance	10 k Ω or higher
ANALOG IN (UNBALANCED)	
Connector	3.5mm (1/8") stereo mini jack
Nominal input level	-10dBV (0.316Vrms)
Maximum input level	+6dBV (2.0Vrms)
Input impedance	10 k Ω
ANALOG OUT (BALANCED)	
Connectors	Euroblock 3.81 mm pitch
Nominal output level	+4dBu(1.23Vrms, when Ref.Level set to other than -9dBFS) +6dBu(1.55Vrms, when Ref. Level set to -9 dBFS)
Maximum output level (switchable)	+15dBu(4.36Vrms, Ref.Level -9dBFS) +18dBu(6.16Vrms, Ref.Level -14dBFS) +20dBu(7.75Vrms, Ref.Level -16dBFS)
Output impedance	200 Ω or lower
ANALOG OUT (UNBALANCED)	
Connector	3.5mm (1/8") stereo mini jack
Nominal output level	-10dBV (0.316Vrms)
Maximum output level	+6dBV (2.0Vrms)
Output impedance	200 Ω
Output Volume	$-\infty$, -72 to +6dB (1dB step)
Audio Codec	AAC, 64k to 512k bps, 32k/44.1k/48k Hz
Video / audio recording	
Recording media	USB Drive, SD/SDHC card
Recording bit rates	500k to 30M bps
Control input/output	
ETHERNET / PoE+	
Connector	RJ-45
Transmission protocol	TCP/IP, UDP, HTTP
Gigabit Ethernet standard	1000BASE-T (IEEE 802.3ab)
Cables	Category 5e or faster STP cables
USB	
Connector	USB A-type 4-pin

Protocol	USB 3.0
Other	
Power	PoE Plus Class 4 TASCAM PS-P1220E AC adapter (sold separately)
Power consumption	12.2W
Dimensions	214(W) × 44.5(H) × 136.1(D)mm (including protrusions)
Weight	850g
Operating temperature range	0 to 40 ° C
Included items	Installation brackets x2, Euroblock plugs x4, Cable band kit, USB memory(Including TASCAM DISCOVERY, reference Manual), Quick Start guide (Warranty)

* 0dBu=0.775Vrms

Audio performance

	VS-R264	VS-R265
Built-in AD converter performance		
Distortion (THD+N)	0.002%	
S/N ratio	102dB	
Built-in DA converter performance		
Distortion (THD+N)	0.00035%	
S/N ratio	130dB	
Analog input to Digital (HDMI) output performance (AAC encoding/decoding 512kbps)		
Frequency response	20Hz to 16.5kHz (+0.5/-0.5dB, JEITA)	
Distortion (THD+N)	0.008% or less (Full scale -0.5 dB, JEITA)	
S/N ratio	94dB or higher (JEITA)	
Dynamic range	95dB or higher (JEITA)	
Channel crosstalk	90dB or higher (JEITA)	
Digital (HDMI) input - analog output performance (AAC encoding/decoding 512kbps)		
Frequency response	20Hz to 16.5kHz (+0.5/-0.5dB, JEITA)	
Distortion (THD+N)	0.007% or less (Full scale -0.5dB, JEITA)	
S/N ratio		

Balanced output	113dB or higher (JEITA)
Unbalanced output	109dB or higher (JEITA)
Dynamic range	96dB or higher (JEITA)
Channel crosstalk	100dB or higher (JEITA)