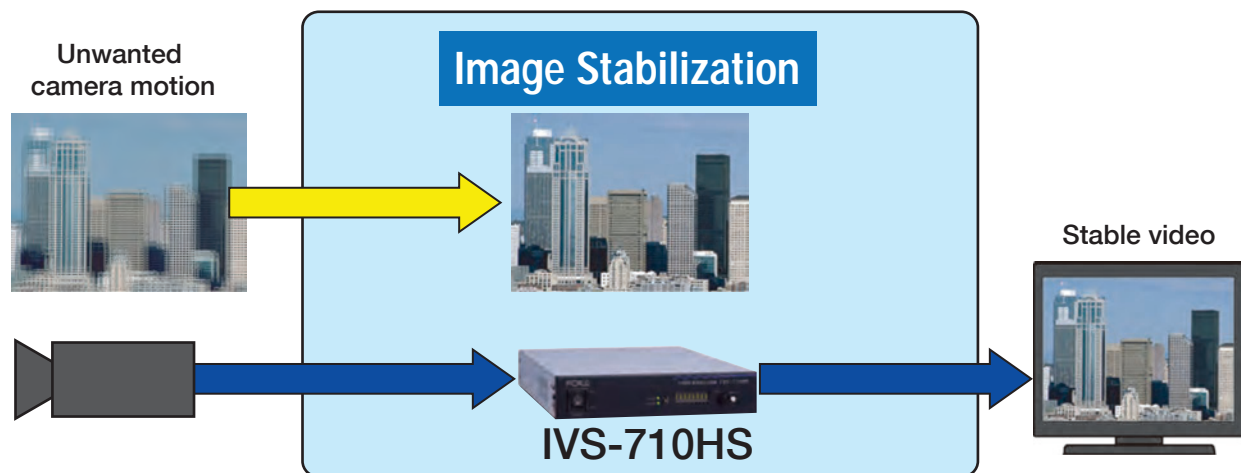


HD/SD Video Stabilizer

IVS-710HS



Digital video stabilizer to correct unwanted camera movement and many forms of vibration. The IVS-710HS provides real-time correction focused on unwanted camera motion while maintaining camera pan and tilt movement. Supports HD/SD-SDI input and output. The IVS-710HS offers high-performance video processing in a compact, 1/2U body. Ideal for eliminating unwanted motion from weather cameras, hand held news cameras, or program production motion problems.



- HD-SDI and SD-SDI formats: 1080i, 720p, 525/60, and 625/50
- Provides real-time motion correction (2-frame delay)
- Auto detection of camera pan/tilt — only unwanted motion corrected
- Correction for both live and recorded video
- Powerful correction: up to 40% of source screen size, vertically or horizontally
- Sub-pixel precision
- Straightforward design—simply supply video signals, no special connection required
- Correction in active area only, preserves blanking data
- Blanking data transmission timing not affected by correction delay

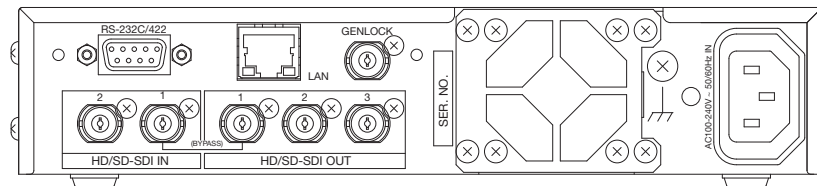
IVS-710HS HD/SD Video Stabilizer

Specifications

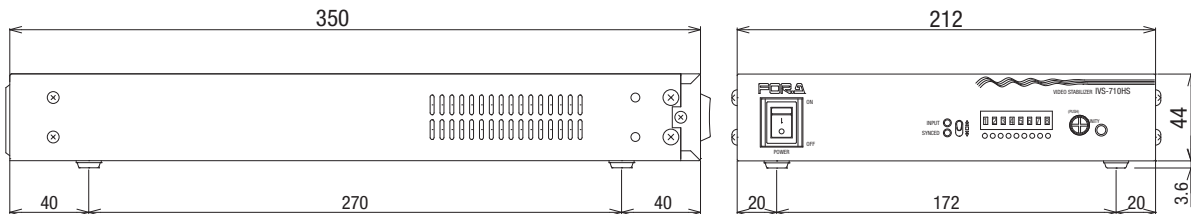
Video Formats	1080/60i, 1080/59.94i, 1080/50i, 720/60p, 720/59.94p, 720/50p, 525/60 (NTSC), 625/50 (PAL) (menu options)
Video Input	HD-SDI: 1.5 Gbps or SD-SDI: 270 Mbps 75Ω BNC × 2
Video Output	HD-SDI: 1.5 Gbps or SD-SDI: 270 Mbps 75Ω BNC × 3 (processing bypass available for output 1)
Signal Processing	4:2:2 component
Sampling Frequency	
HD-SDI	Y: 74.25/1.001 MHz, 74.25 MHz C: 37.125/1.001 MHz, 37.125 MHz
SD-SDI	Y: 13.5 MHz C: 6.75 MHz
Quantization	10-bit
Total Delay	2 frames
Correction Function	Frequency Characteristics: Detects shakes for 1 Hz to 59.94/2 Hz (1080/59.94i, 720/59.94p, 525/60) or 1 Hz to 60/2 Hz (1080/60i, 720/60p) or 1 Hz to 50/2 Hz (1080/50i, 720/50p, 625/50)
	Correction Method: 2-dimensional movement in horizontal, vertical and oblique direction
	Correction Range: Adjustable to max. 40% of image size (correction setting available by optional settings)
	Correction Accuracy: Sub-pixel level
Interface with IVS-710IF (Optional)	Genlock Input: BB: 0.429 V(p-p) (NTSC)/0.45 V(p-p) (PAL)/Tri-level sync: 0.6 V(p-p) LAN: 100 Base-TX/1000 Base-T RJ-45 x 1 RS-232C/422: D-sub 9-pin (male) x 1
Temperature / Humidity	0°C to 40°C / 30% to 90% (no condensation)
Power / Consumption	100VAC to 240VAC (±10%) 50Hz/60Hz / 42VA (40W) (at 100VAC) (with IVS-710IF)
Dimensions / Weight	212 (W) × 44 (H) × 350 (D) mm (half 1U) / 3 kg
Accessories	Operation manual / AC cord
Options	Rack mount brackets (for one or two units)

To guard against the effects of salt or corrosive gases, do not use in a corrosive environment (near salt water, etc.). Use protective housing when using in a corrosive environment.

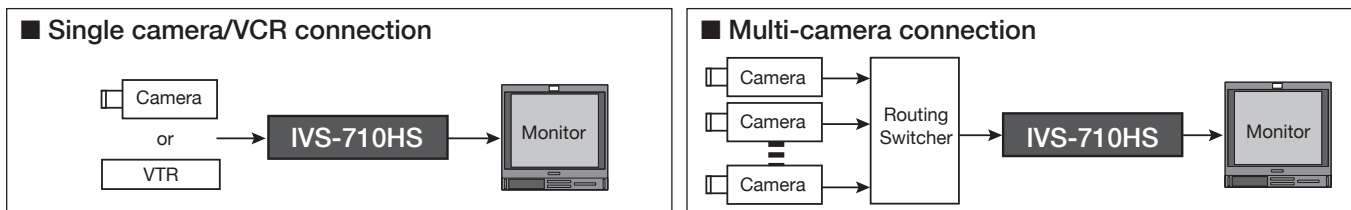
Rear Panel with IVS-710IF



External Dimensions



Connection Sample



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ISO 9001 and 14001 certified (Sakura R&D)

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