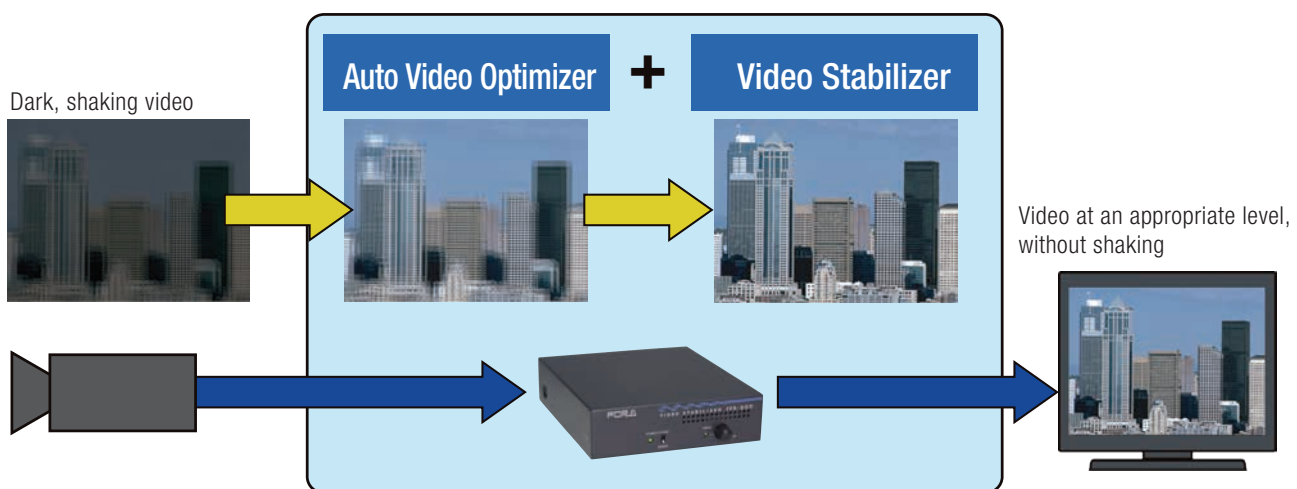


## Video Stabilizer & Automatic Video Optimizer

# IVS-200



Various functions were added to our video stabilizer, which corrects video shaking during shooting in real time, and repackaged this product as the IVS-200. While existing video stabilizers can correct vertical and horizontal shaking, this new product also corrects rotation. It also comes with an auto video optimizer (AVO), which automatically corrects video to appropriate levels. This can dramatically improve the monitoring environment.



### Video stabilizer function

- Shaking images can be corrected in real time (enlarges and corrects shaking in two dimensions, including vertical, horizontal, diagonal and rotational).
- Panning and zooming can be automatically detected so that only shaking is corrected.
- Because it is a simple design that just needs a video signal input, adding to existing systems is easy and corrections are made in real time.
- Shaking in previously recorded VTR video can also be corrected.
- Up to 40% of the screen can be corrected.
- Achieves sub-pixel level correction precision.
- Masking function: Sets range of video to be processed (e.g. specify areas other than places where subtitles are superimposed).

### Auto video optimizer function

- White and black levels and gamma curves in video are monitored in real time and automatically corrected to normal levels.
- Recognizes bright and dark spots in the video and optimally corrects only those areas needing it, reproducing clear images with a wide dynamic range.
- Range of level adjustment can be set (e.g. set levels to be corrected in dark areas).

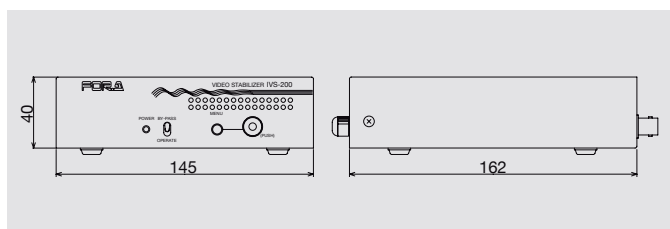
### Other functions

- Time display function and title display function (alphanumeric characters, codes, maximum 16 characters × one line)
- NTSC/PAL automatic recognition function
- Small, portable, DC drive

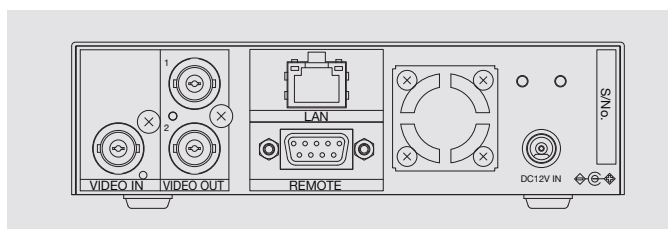
## Specifications

Video Formats	NTSC or PAL (Auto-detection at startup)
Video Input	Analog Composite: 1.0 Vp-p, 75 Ω, BNC x 1
Video Output	Analog Composite: 1.0 Vp-p ±0.1 V, 75 Ω, BNC x 2 (VIDEO OUTPUT 1 with bypass output support)
I/O Delay	Max. 4 frames
Jitter Correction	Correction range: Horizontally and vertically up to 40 % of images
Frequency Response	Detects camera shakes of 1 Hz to half of field frequency (theoretical value)
Motion Type	Vertical, horizontal, diagonal, and rotational (two-dimensional)
AVO Correction	Automatic luminance level adjustment for white and black levels
	Correction Mode: AUTO, HOLD (retains current settings), OFF (MENU selectable)
	Correction Level: Preset: 5 steps, manually adjustable
Title Display	Number of characters: 16 characters x 1 line Characters: Alphanumeric characters and symbols
Time Display	Display format: Year-Month-Day, HH: MM: SS (24-hours display) Time accuracy: within ±10 seconds per month (25 °C)
Interfaces	REMOTE: 9-pin D-sub (female) x 1 Input: TTL negative logic level signal or Make contact / Output: 5 V DC to 24 V DC, max. 40 mA LAN: 10Base-T/100Base-TX, RJ-45 (category 5) x 1
Temperature / Humidity	0 °C - 40 °C / 30 % - 90 % (no condensation)
Power /Consumption	+12 V DC to +24 V DC / 14 W (at +12 V DC)
Dimensions / Weight	145 (W) x 162 (D) x 40 (H) mm / 0.93 kg
Consumables	Cooling fan: P-1288 (rear) (within 5 years, at room temperature)
Accessories	Operation manual
Option	AC adapter, Rack mount brackets

## External Dimensions

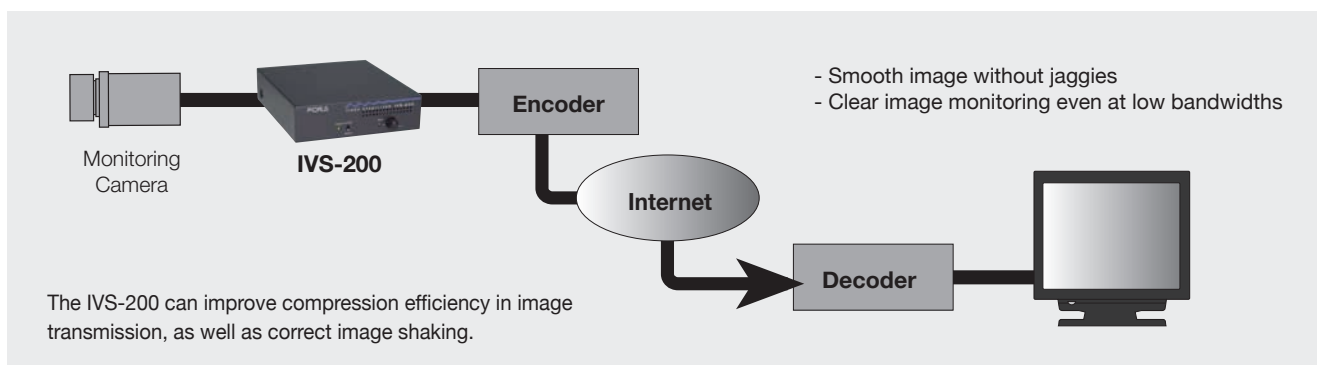


## Rear Panel



## Application

### ◆ How to set up remove monitoring system via internet



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



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