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 could 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**
  - **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
- **Character**: 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 ºC)
- **Interface**
  - **REMOTE**: 9-pin D-sub (female) x 1
  - **LAN**: 10Base-T/100Base-TX, RJ-45 (category 5) x 1
- **Temperature / Humidity**: 0 ºC - 40 ºC / 30 % - 90 % (no condensation)
- **Power / Consumption**: +12 V DC to 24 V DC, max. 40 mA
- **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**

1. Connect the Video Camera to the IVS-200 Encoder
2. Connect the Encoder to the Internet
3. Connect the Internet to the Decoder
4. Connect the Decoder to the Monitor

- Smooth image without jaggies
- Clear image monitoring even at low bandwidths

The IVS-200 can improve compression efficiency in image transmission, as well as correct image shaking.

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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