

VHS

Isolation amplifier

SVHS

Switchable terminal resistor

# Medical Galvanic Isolation

MDD

SVIDEO

**VIDEOP VHS – VIDEOP SVIDEO**  
Medical galvanic isolation amplifier

## VIDEOCOP

Following the directives of the MDD (Medical Device Law) and in accordance with the essential requirements of the MDD 93/42 EEC the VIDEOCOP medical galvanic isolation amplifier is designed for the galvanic isolation of composite signals of an approved medical imaging device (e.g. Ultrasonic device) and a nonmedical approved device like image archiving and data processing system or monitor (e.g. PC, VCR, PACS). The VIDEOCOP is approved in accordance to the MDD 93/42 EEC directives. Nonmedical approved devices can be operated with medical approved devices by use of the VIDEOCOP.

- VHS Version with Chinch- and BNC-Connectors
- S-Video Version with Hosiden-Connectors and additional 2 pcs. Adaptercables
- Galvanic isolation between Video output and Video input
- Amplification of the input signal
- Switchable input terminal resistor (for signal quality improvement when using long cable distances)
- Power supply integrated into device

### VIDEOCOP VHS-Version



#### Front panel (input):

- Video input Cinch-Connector
- Video input BNC-Connector
- Switchable input terminal resistor
- Power-LED

#### Rear panel (output)

- Connection for power supply (Euro connector)
- Power-LED
- Galvanic isolated Video output Cinch-Connector
- Galvanic isolated Video output BNC-Connector

#### Front panel (input):

- Video input Cinch-Connector
- Video input BNC-Connector
- Switchable input terminal resistor
- Power-LED

#### Rear panel (output)

- Connection for power supply (Euro connector)
- Power-LED
- Galvanic isolated Video output Hosiden-Connector

### VIDEOCOP S-Video-Version (SVHS)



#### Technical data:

- |                      |                         |                       |        |               |                   |
|----------------------|-------------------------|-----------------------|--------|---------------|-------------------|
| • Voltage:           | 230 V AC, 50/60Hz       | • Video output :      | 75 Ohm | • Weight:     | 1kg               |
|                      | optional 115 V AC, 60Hz | • Creeping distance:  | 8mm    | • Dimensions: | 175 x 107 x 48 mm |
| • Power consumption: | max. 10VA               | • Insulation voltage: | 4000V  |               | (L x W x H mm)    |
| • Video input::      | 75 Ohm or open          |                       |        |               |                   |



Our products are up from development to manufacturing subject to a certified Quality Management System in accordance to the EN ISO directives. The company is EN ISO certified and FDA registered. The products are labelled with CE mark and in accordance to the Medical Device Directives MDD 93/42/EEC.

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