



Camera Interface

for **WS1 Color** and **WS1000 Style**

from software version 1.492

Technical Specifications and Installation Instructions

Item number 60133



1. Description

The **Camera Interface for WS1 Color and WS1000 Style** allows video cameras to be connected to the control unit. The camera images are shown on the screen.

Functions:

- For 2 video cameras
- Display of the images on the control unit screen. Camera image can be switched on and off via buttons on the screen or via signal in the multifunctional input (configuration as binary input)

1.1. Scope of delivery

- Interface to be screwed into the screen board of the control unit

1.2. Technical Data

The **Camera Interface** is suitable for the WS1 Color or WS1000 Style control with software 1.492 or higher. The software version is displayed with each start of the control system (new start in menu: System > WS1 settings > Service > Reset).

Installation	to be screwed into the screen board on the control unit
Dimensions	approx. 42 x 16 x 40 (W x H x D, mm)
Weight	approx. 10 g
Ambient temperature	Operating 0...+50°C, storage -30...+70°C, avoid condensation
Inputs	2 x video cameras via Cinch connectors, 1 Vss/75 ohm, video standard CCIR/PAL

The product conforms with the provisions of EU directives.

2. Installation and Commissioning

2.1. Installation notes



Installation, testing, operational start-up and troubleshooting should only be performed by an electrician.



DANGER!

Risk to life from live voltage (mains voltage)!

There are unprotected live components within the device.

- VDE regulations and national regulations are to be followed.
- Ensure that all lines to be assembled are free of voltage and take precautions against accidental switching on.

- Do not use the device if it is damaged.
- Take the device or system out of service and secure it against unintentional use, if it can be assumed, that risk-free operation is no longer guaranteed.

The device is only to be used for its intended purpose. Any improper modification or failure to follow the operating instructions voids any and all warranty and guarantee claims.

After unpacking the device, check it immediately for possible mechanical damage. If it has been damaged in transport, inform the supplier immediately.

The device may only be used as a fixed-site installation; that means only when assembled and after conclusion of all installation and operational start-up tasks and only in the surroundings designated for it.

Elsner Elektronik is not liable for any changes in norms and standards which may occur after publication of these operating instructions.

2.2. Installation of the interface, connection

Please also take note of the chapter on the installation of the central unit in the manual.

2.2.1. Fitting the interface to the circuit board

WS1 Color:

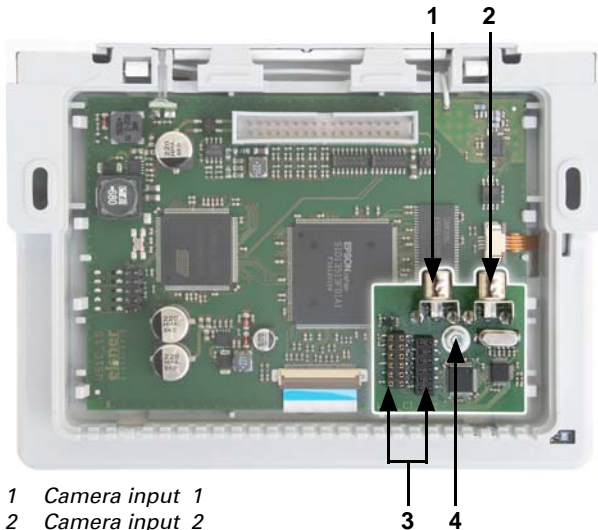


Fig. 1

- 1 Camera input 1
- 2 Camera input 2
- 3 Pins/connector plugs for the camera interface
- 4 Fastening screw

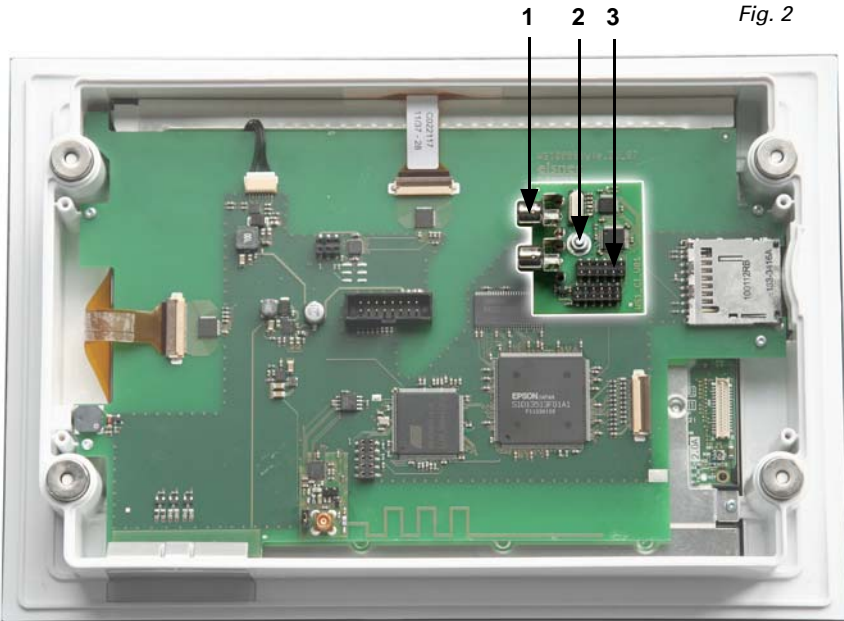
WS1000 Style:

Fig. 2

- 1 Camera input 1 and 2
2 Fastening screw

- 3 Pins/connector plugs for the camera interface

2.2.2. Installation and connection

The **Camera Interface** is screwed into the screen board of the control unit. First remove the top nut of the fastening screw. Put the interface on the 2 blocks with the 12 pins and press till firm.

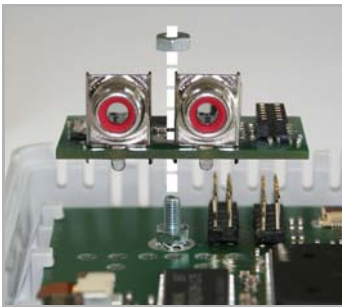


Fig. 3

Screw the interface tight, as seen in the detail view (left).

Hinged ferrites must be placed on the camera cables. We recommend ferrite sleeves with plastic housing, e.g. from Würth (type 742 711 12). If you order the cameras with Elsner Elektronik, the right hinged ferrites are included.

Two ferrites must be fixed per one camera cable, if possible directly behind the plug used for connecting the camera on the control:



Connect the cameras to the Cinch sockets of the **Camera Interface** (No. 1 and 2).

The interface will be automatically recognised when the control unit is started and the corresponding menus will be activated.