



Data Sheet CODESYS WebVisu SL

CODESYS WebVisu opens up the possibility of displaying graphical user interfaces (masks) on pure display devices which are connected to a control device via a data network.

Product description

If the CODESYS WebVisu is implemented in the CODESYS Control runtime environment of an automation device, the device can display graphical user interfaces on connected HTML5-capable web browsers.

Two licensing models are offered:

- CODESYS WebVisu: Volume licensing for all the controllers of a device family by the controller supplier, for the general availability of the visualization in web browsers.
- CODESYS WebVisu SL: Subsequent activation of a single license by the end user, for a device with full visualization preparation by the device supplier. (Data interface (e.g. Ethernet) for the connection of an external browser unit)

Integrated in the CODESYS Development System, the development of an IEC 61131-3 logic application as well as a classic or object-oriented visualization development becomes possible with one and the same development environment.

In CODESYS WebVisu, the controller features an integrated web server that makes image and variable data available in a data network. These data can be displayed on any HTML5-capable display devices with a standard web browser. Project engineering with the editor integrated in the CODESYS Development System: The web server supports all visual elements of the CODESYS Development System on a controller with a CODESYS Control Runtime.

Possibility of combination with the CODESYS product TargetVisu for the display of created masks on local display devices.

Visualization management via:

- Specification of the display on the target device (update rate, width and height in pixels)
- Universal modification of all masks via CODESYS Visualization styles
- Management of actions by assignment of hot keys or mouse events
- Setting of user groups for the graphic interface

General information

Supplier:

CODESYS GmbH
 Memminger Strasse 151
 87439 Kempten
 Germany

Support:

Technical support is not included with this product. To receive technical support, please purchase a CODESYS Support Ticket.

<https://support.codesys.com>

Item:

CODESYS WebVisu SL

Item number:

2304000004

Sales / Source of supply:

CODESYS Store
<https://store.codesys.com>

Included in delivery:

- License key

System requirements and restrictions

| | |
|-------------------------------------|--|
| Programming System | CODESYS Development System V3.5.4.0 or higher |
| Runtime System | CODESYS Control V3.5.4.0 |
| Supported Platforms/ Devices | <p>Platform and device-independent, according to the availability of the CODESYS Control Runtime. For example:</p> <ul style="list-style-type: none"> • LINUX (OSADL) • Windows (8 and 10 with 32/64-bit) • Windows Embedded (CE, Standard) • VxWorks • QNX |

The versions **maintained by Microsoft** are supported.

Note: Use the project “Device Reader” to find out the supported features of your device. “Device Reader” is available for free in the CODESYS Store.

Browser¹

We recommend using the latest version of the following browsers: - Firefox - Chrome - Microsoft Edge - Chromium

Additional Requirements

WIBU Codemeter Support

Restrictions

Support for certain functions depends on the selected operating system. Sufficient memory space and processor performance on the device are mandatory for the representation of any desired number of visualization elements. The devices must possess the appropriate hardware support (display, touch screen or input components).

Licensing



Single Device License: The license can be used on the target device/PLC on which the CODESYS Runtime System is installed.

Licenses are activated on a software-based license container (soft container), which is permanently connected to the controller. Alternatively the license can be stored on a CODESYS Key (USB-Dongle). By replugging the CODESYS Key, the license can be used on any other controller.

Required Accessories

Optional: CODESYS Key

¹ It is possible that older versions of these browsers or alternative browsers that are not in this list are supported.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.

Creation date: 2023-04-17