

Features

- ◆ Graphical user interface with touch panel for CEA-709 networks
- ◆ Fully compliant with CEA-709, CEA-852, and EN 14908 standard
- ◆ 5.7": 320x240 color LCD display
- ◆ Dimmable backlight, 256 colors (VGA)
- ◆ Representation of user defined graphics, numbers, text, bar charts, trend logs, and bitmaps
- ◆ Visualization and control of individual data points (NVs)
- ◆ Supports Alarming, Scheduling, and Trending
- ◆ Supports common mathematical operations and functions as well as Boolean expressions
- ◆ Event-driven e-mail notification
- ◆ Remote access via the VNC (Virtual Network Computing) protocol
- ◆ Access control with PIN code
- ◆ Simple, graphical programming with L-VIS configuration software supplied with the unit (runs as LNS® Plug-In or stand-alone tool)
- ◆ WYSIWYG preview on PC screen
- ◆ Support of dynamically created network variables or static network variables
- ◆ Support of user defined NVs (UNVTs) and configuration properties (SCPTs, UCPTs)
- ◆ Up to 1000 input or output network variables can be processed
- ◆ Up to 512 destination addresses can be used
- ◆ Supports TP/FT-10 or CEA-852 Ethernet (IP-852) channels
- ◆ Connector for external temperature sensor (L-TEMP)
- ◆ Digital Input for external light switch
- ◆ Aluminium frame with anodized finish
- ◆ Flush-mounting in combination with a mounting frame (LVIS-FRAME1)
- ◆ International protection rating:
Front: IP54 / Back: IP10
- ◆ Dimensions (5.7", LVIS-3E100):
W = 210 mm, H = 165 mm, D = 60 mm
- ◆ Supply Voltage: 9-24V AC or DC
- ◆ Ultra Low Power Consumption:
 - 3 W Display off
 - 8 W Display on

Description

L-VIS impresses with its timeless design, harmonic integration into modern and historical architecture as well as its extremely user friendly concept. Primarily any information from a CEA-709 network can be displayed or controlled by the touch panel. NVs represent the interface to the CEA-709 network. Both



static and dynamic NVs are supported as well as user defined NVs (UNVTs) and configuration properties (SCPTs, UCPTs).

The graphical interface can easily be adapted by using customized and detailed images or graphics in common file formats (*.JPG, *.BMP, *.TIF, etc. and even animated *.GIF). Any Information can be displayed in various ways. Dynamic information is shown as numerical values, changing icons, bar graphs or text.

L-VIS supports basic automation functions such as alarming, scheduling, and trending. This includes a local scheduling service as well as the possibility to configure several local and remote 24 hour schedulers through display elements. Thus L-VIS has the capacity to run as a standalone device or to interact with other L-VIS devices.

L-VIS also provides functionality to generate, deliver, acknowledge, and display alarm conditions and logs. Logged information is available through CSV file export.

The trending capability includes trend graphs, a data log of values and time stamps and transferring the recorded data to a host PC for analysis and for storage. Another helpful feature is the automatic transfer from the L-VIS recorded data to a preset destination. Furthermore L-VIS supports common mathematical operations and functions, as well as boolean expressions.

L-VIS supports event-driven e-mail notification as a result of a predefined action triggered by a specific status or an exceeded high limit.

Order Number	Configuration
LVIS-3E100	5.7" Touch Panel 1 x TP/FT-10 1 x Ethernet (IP-852)
LVIS-FRAME1	Mounting frame (5.7" model)
L-TEMP	External Temperature Sensor

L-VIS Application Example

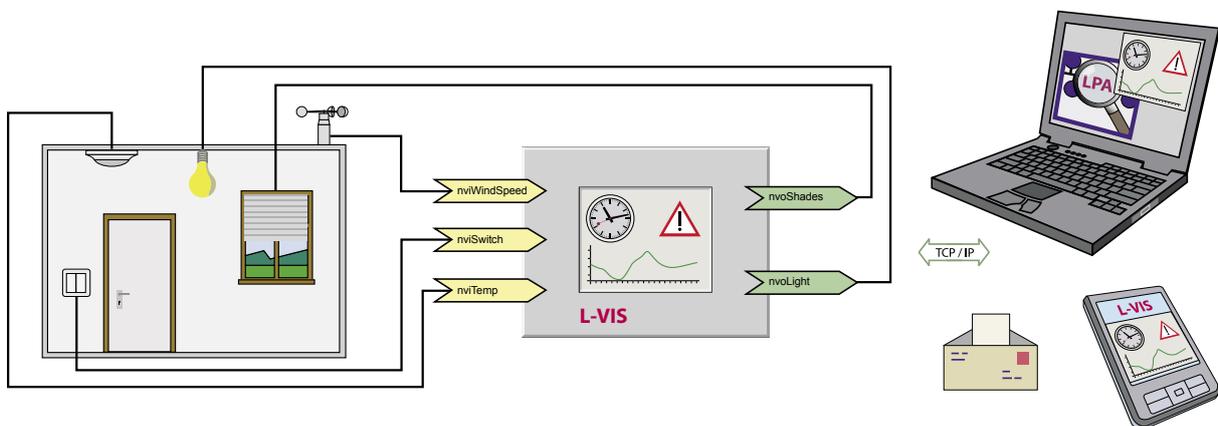
The L-VIS touch panel presents valuable parameters from the network to service personnel and the end user. Any control command can be sent in order to e.g. move sun blinds, control cold-storage rooms, switch lights, lock doors, or open valves. The L-VIS can also be used in a switch cabinet. It can monitor and display important system parameters like energy consumption, alarms, or the temperature in cold-storage rooms. Additionally, L-VIS supports basic automation functions such as alarming, scheduling, and trending.

Remote Access and E-mail Notification

Remote access is supported via TCP/IP through an integrated VNC (Virtual Network Computing) server. The content of the L-VIS touch panel can be brought to a PC or PDA using the VNC protocol. Since VNC is platform independent, VNC viewers are available for several operating systems.

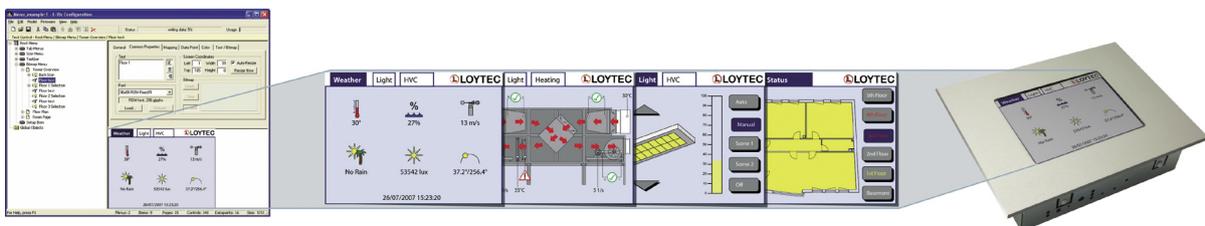
When connecting L-VIS as a TP/FT-10 node, a remote network interface functionality is available. This way the TP/FT-10 channel can be accessed by an IP connection. This as well allows remote analysis with LOYTEC's protocol analyzer LPA.

L-VIS features event-driven e-mail notifications with predefined actions. Individuals are promptly informed about an abnormal status. Trend data are forwarded as an e-mail attachment, e.g. for LWEB-801 Server.



Easy Configuration

Easy configuration is guaranteed with the L-VIS configuration software supplied with the unit. The software can run as a stand-alone tool or as an LNS® plug-in, compatible with LNS® 3.0 and LNS® TE applications like NL220, ALEX and LonMaker®. An object-oriented configuration of the graphical interface with WYSIWYG preview and predefined functions make it easy and efficient to create a pleasing graphical interface. With the UCS-16 character set of the Unicode standard (ISO 10646), any language, including Chinese, Japanese, and Korean (CJK) is supported.



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