

# L1/C1 Web-Panels



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Single- or multi-touch Web-Panels in various display sizes and formats

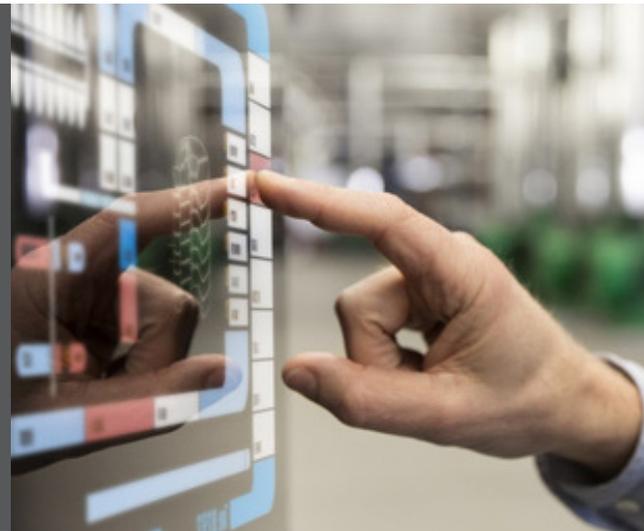
- HTML5/CSS capable Web-Browser
- Linux operating system, Java support
- WLAN
- ARM® Cortex-A9 Multicore, Intel® Atom™ or Core™-i CPUs



Web panels are becoming increasingly important in the context of Industry 4.0.

Web-based visualizations allow access to the user interface of machines and plants from anywhere and at any time.

CANNON-Automata offers with the L1/C1 automation panels in combination with the **WebVisu** software the perfect platform for web-based graphical user interfaces.

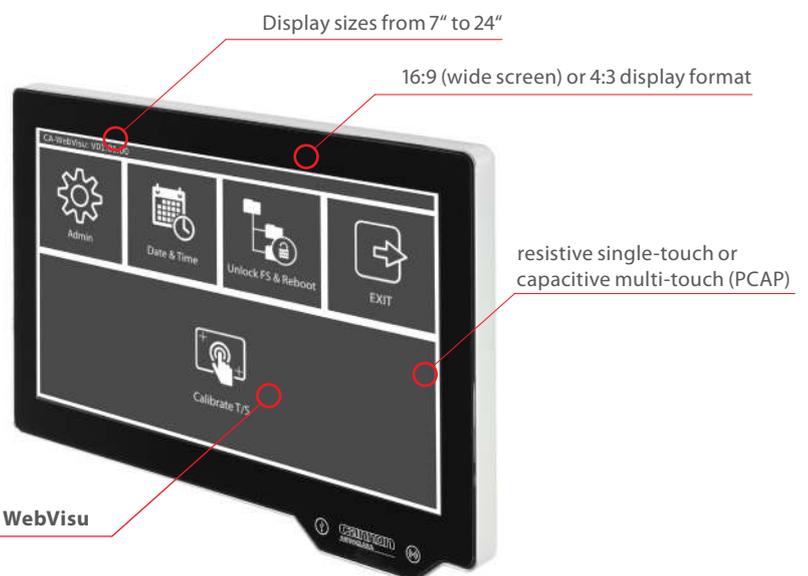


## Simple configuration and comprehensive equipment

Thanks to the integrated graphical tool **WebVisu**, L1/C1 web panels can be configured easily and intuitively.



graphical configuration tool **WebVisu**

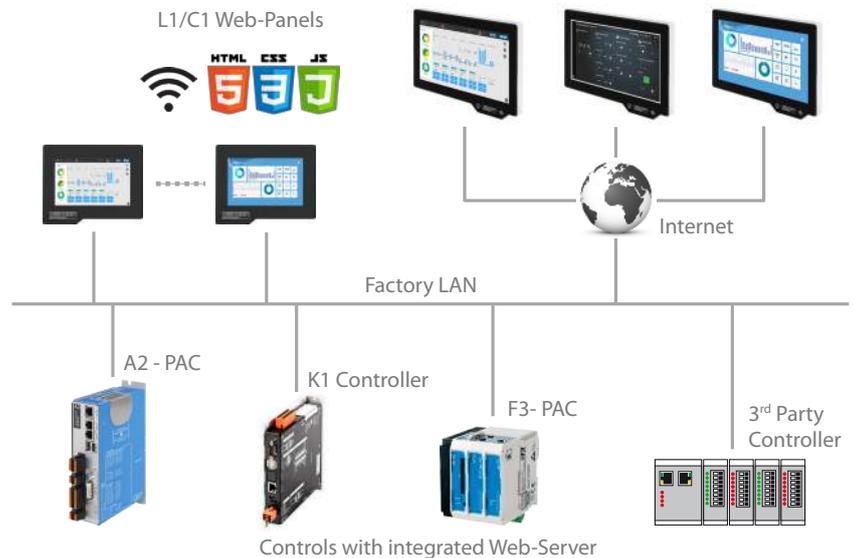


## Easy to integrate and ready for Industry 4.0

Linux, web browser and Java support in combination with xC L/H or xK/xE system units are the basis for using the L1/C1 automation panels as Web-Panels. The web browser supports HTML5/CSS and Java and is optimized for the communication with web visualizations such as

- CODESYS Web-Visualization
- ProconWeb
- B&R mapp View
- TwinCAT PLC HMI Web
- WinCC/Web Navigator
- etc.

They are particularly suitable for operation with A2-PAC, F3-PAC or K1/E1 controllers, but can also communicate with any other controller with an integrated web server (e.g. Beckhoff, B&R, Siemens, WAGO, etc.).



## Scalable performance - the Web-Panel system units

Web visualizations have different requirements on computing power and graphic performance of the Web-Panel.

The L1/C1 automation panels have a modular structure. Display unit and system unit are independent modules that are connected to each other via a standardized interface.

This architecture gives the panels outstanding flexibility and provides a wide range of possible combinations. Thus, L1/C1 web panels can be equipped with the most suitable system unit for the respective web visualisation.



### xK/xE system unit

- ARM® Cortex®-A9 Multicore CPU
- 2 GB DDR3 RAM
- 2 x LAN
- 2 x USB
- Mini-PCIe or M.2 expansion slot



### xC L system unit

- Intel® Celeron (J1900/N2930/N2920)
- max. 8 GB DDR3 RAM
- 2 x Gigabit LAN
- 3 x USB 3.0
- 2 x DisplayPort
- mSATA



### xC H system unit

- Intel® Core™-i3 to -i7 CPU
- max. 8 GB DDR3 RAM
- 2 x Gigabit LAN, 3 x USB 3.0
- 2 x RS232, 1 x RS422/485
- 2 x DisplayPort
- mSATA, RAID-Controller
- Mini-PCIe expansion slot

Technical Information	L1 display units			C1 display units						
	16:9 display format			16:9 display format					4:3 display format	
	15,6"	18,5"	21,5"	7"	10.1"	15,6"	21,5"	24"	12,1"	19"
Dimension (W x H x D mm)	406 x 281 x 25	473 x 320 x 25	538 x 357 x 25	197 x 135	259 x 176	401 x 256	538 x 357	672 x 404	320 x 250	478 x 384
Resolution	1366 x 768	1366 x 768	1920 x 1080	800 x 480	1280 x 800	1366 x 768	1920 x 1080	1920 x 1080	800 x 600	1280 x 1024
Touch screen	PCAP multi-finger touch sensor			PCAP multi-finger touch sensor or resistiv single-touch sensor						
Housing	aluminium			metal						
Mounting	wallmount (landscape or portrait)			built-in (landscape or portrait)						
Interfaces (front)	1 x USB, 1 x RFID-Reader/Writer (optional, integrated into the front)			-						
Power supply	24VDC over system unit									
Protection class	IP65 (front)									

## PRODUCTS

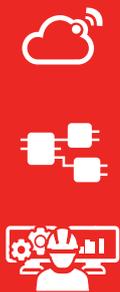
Components for industrial automation.



- ✓ PAC - PROGRAMMABLE AUTOMATION CONTROLLER
- ✓ I/O MODULES
- ✓ AUTOMATION SOFTWARE
- ✓ FIELDBUS & INDUSTRIAL ETHERNET
- ✓ HMI - HUMAN MACHINE INTERFACE
- ✓ DRIVES

## APPLICATIONS

Hardware and software solutions for specific user applications.



- ✓ REMOTE MONITORING & ASSISTANCE
- ✓ ENVIRONMENTAL MONITORING
- ✓ PREVENTIVE MAINTENANCE
- ✓ MACHINE CONTROL & PRODUCTION
- ✓ MOTION & ROBOTICS
- ✓ ENERGY EFFICIENCY

## ENGINEERING

Services for engineering projects.



35 years of experience in the automotive, energy, oil & gas and water treatment sectors enable Cannon Automata to present itself as complete and perfect partner for the development of industrial engineering and process projects. Systems are characterized by their high performance, thanks to an approach that is fully oriented to achieve tailored solutions to specific needs.

For the best results in terms of quality and customer satisfaction, Cannon-Automata follows an operative scheme that is widely experienced and successful, from the study to the implementation, and with a constant technical support.

 Cannon Automata

PARTNER IN AUTOMATION

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