

# Multi-touch panel series with CAN

**The L1 by Cannon Automata is a multi-touch panel device series. Its capacitive multi-finger touch sensor enables the use of gestures like zooming in and out, scrolling through lists, and switching between pages.**

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The panel devices come in an aluminum housing (Photo: Cannon Automata)

The L1 panels are available in various sizes from 15,6 inch to 21,5 inch. The display units with capacitive multi-touch and anti-glare front are mountable in landscape or portrait mode. The aluminum housing ensures the robustness necessary for usage in industrial environment, including IP65 protection. All display units are equipped with a front-access USB port and an optional RFID reader integrated into the front. The separation between display unit and rear-side mounted control unit make L1 panels flexible.

For the use of the panels as monitors, a control unit with DVI and VGA video interface and USB ports for touch screen and other USB devices is available. Combined with an A2 control unit, the devices become operator panels with integrated PLC. Because of the control unit's CPUs (Intel Atom or Core-i3), even demanding control and visualization applications can be combined in one device. For this purpose, the control unit is equipped with PC-typical interfaces such as Ethernet and USB. It also has onboard a CAN interface, I/Os, integrated Ethercat, and Sercos master.

The three different display units can be combined with four different control units. The PC control unit makes the L1 panels panel PCs with Intel Core-i CPUs and PC-typical interfaces and storage media – including an integrated RAID controller. The control unit with XD panel interface opens up additional possibilities for spanning longer distances and even easier cabling. It allows the operation of the panels through a single, up to 100 m long, standard Ethernet cable for video, touch, USB, and power supply. The programming of control application and visualization is done with Codesys. The company will show these products at the SPS IPC Drives 2016 in Nuremberg, Germany in in hall 8, stand 536. The exhibition takes place from November 22 to 24.

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