

Product information

v430/v450 web panel

Web panel with multi-touch display.



Aesthetic machine visualizations in modern design, which can also be operated intuitively, are becoming increasingly important. With the v430 and v450 web panels and our web-based offer, consisting of the EASY UI Designer project planning tool and the FAST UI Runtime on the c430, c520, and c550 controllers, we offer a solution for such visualizations.

The v430 and v450 web panels as browser-based display units with capacitive multi-touch displays are the ideal devices for modern topologies of machine visualization. Both device series are offered in 7", 10.1" and 15.6" screen diagonals and are identical in terms of performance and functionality. The main difference arises from the way they are mounted:

The v450 web panel has a fully enclosed housing with IP67 protection and is therefore suitable for various applications. It can be mounted on a support arm, on a wall, or on the control cabinet wall.

The v430 web panel, on the other hand, is ideally suited for classic mounting in the control cabinet wall.

Visually, both device series are real eye-catchers and confirm the high-quality impression of your machine.

Highlights

- Chromium based web panel
- TFT color display in 7", 10.1", and 15.6"
- Multi-touch glass front

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Technical data

	V43AE7	V43AEA	V43AEF	V45AP7	V45APA	V45APF
						
Design/mounting						
	Mounting in housing			Support arm or wall		
Degree of protection						
	IP66 (front side), IP20 (back side)			IP67		
Market approvals						
Approval	CE, UKCA			CE, UKCA, UL		
Environment	RoHS					
Screen						
Diagonal	7" (17.8 cm)	10.1" (25.7 cm)	15.6" (39.6 cm)	7" (17.8 cm)	10.1" (25.7 cm)	15.6" (39.6 cm)
Resolution	1024 x 600 pixels	1280 x 800 pixels	1920 x 1080 pixels	1024 x 600 pixels	1280 x 800 pixels	1366 x 768 pixels
Brightness	500 cd/m²	500 cd/m²	400 cd/m²	400 cd/m²	400 cd/m²	400 cd/m²
Number of colors	16 million					
Touchscreen technology	Capacitive glass surface, multi-touch					
Processor						
	i.MX8M Mini Quad ARM Cortex-A53 (1.60 GHz)					
Operating system						
	Linux					
Memory						
Flash memory	4 GB					
RAM memory	2 GB					
Interfaces						
Ethernet	1x Ethernet 100 Mbps/s					
USB	1x USB 2.0			1x USB 2.0 (via adapter cable)		
Voltage supply	24 V DC (3-pole terminal)			IEEE 802.3af PoE	IEEE 802.3af PoE	IEEE 802.3at PoE+
Cooling						
Ambient operating temperature	-20 ... +60 °C (vertical installation)					