Web panel WP series

External touch display for controllers with web interface



The WP-series includes the WP-101 10.1-inch display and the WP-156 15.6-inch display. These user-friendly touch displays have an integrated web browser. The displays provide direct access to Regin controller web interfaces and feature automatic controller discovery for quick commissioning and operation. They are suitable for use as local operator interfaces in control cabinets, technical rooms, and building automation installations.

- ✓ Capacitive touch display with high resolution
- ✓ Browser-based operation
- ✓ Automatic search for Regin controllers
- ✓ Direct access to controller web interfaces
- ✓ Panel mounting or VESA mounting
- ✓ IP65-rated front panel

Application

The WP-series displays connect to a controller and give access to the controller's web interface. Use the web interface to monitor the controller, change setpoints, monitor alarms, and view operating data.

The displays are intended for use with Regin controllers equipped with an integrated web server.

Typical applications are:

- ✓ Building management systems, such as Arrigo BMS
- ✓ HVAC control
- ✓ Energy monitoring
- ✓ Plant room operation
- ✓ Local operator stations
- ✓ Regin controller visualisation

Function

The WP-series displays run an integrated web browser and connect to controllers through a standard Ethernet network.

When the display is turned on, the start page is shown. From the start page, you can search the network for compatible Regin controllers. The display then shows a list of compatible controllers, including the controller name, serial number, IP address, and description.

Select a controller from the list or enter its IP address manually. You can store the selected controller as the default start page.

HEAD OFFICE SWEDEN
Phone: +46 31 720 02 00
Web: www.regincontrols.com
E-mail: info@regincontrols.com

From the start page, you can also access network settings and browser functions.

Installation

Install the WP-series displays in a cabinet panel or on a VESA mounting bracket. Connect them to the controller with a standard Ethernet cable and power them from a 24 V DC supply. For more information, see the WP-series Instruction to be downloaded at www.regincontrols.com.

Technical data

Item	WP-101	WP-156
Supply voltage	24 V DC (18...28 V DC)	24 V DC (18...28 V DC)
Power consumption	< 15 W	< 15 W
Protection class	IP65 front (panel mounting), IP20 rear	IP65 front (panel mounting), IP20 rear
Storage temperature	-20...+60 °C	-20...+60 °C
Ambient temperature	0...+50 °C	0...+50 °C
Ambient humidity	10...90 % RH, non-condensing	10...90 % RH, non-condensing
Dimensions (W × H × D)	274 × 214 × 27 mm	394 × 256 × 32.5 mm
Display type	10.1" TFT LCD	15.6" TFT LCD
Resolution	1280 × 800	1920 × 1080
Aspect ratio	16:10	16:9
Touch panel	Capacitive touch screen	Capacitive touch screen
Brightness	400 cd/m²	400 cd/m²
CPU	4 x Cortex-A55, 2.0 GHz	4 x Cortex-A55, 2.0 GHz
Memory	2 GB DDR4	2 GB DDR4
Storage	4 GB eMMC	4 GB eMMC
Mounting	Panel mounting, VESA 100 × 100 mm	Panel mounting, VESA 100 × 100 mm
Weight	1.68 kg	2.75 kg
Communication	2 × 10/100/1000 Base-T Ethernet	2 × 10/100/1000 Base-T Ethernet
USB	2 × USB Type-A 3.0 ports	2 × USB Type-A 3.0 ports

CE

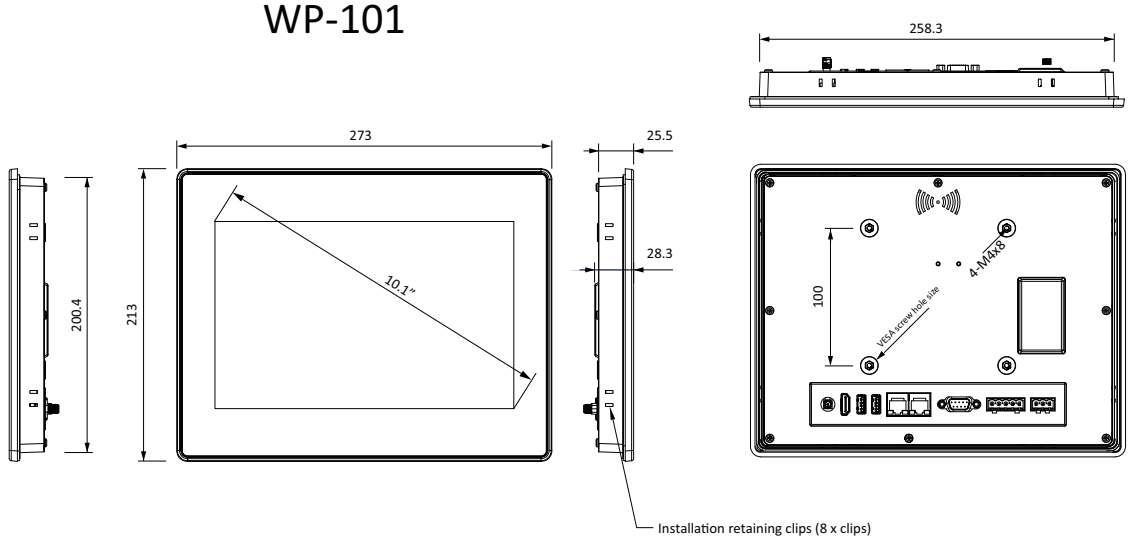
This product carries the CE-mark. More information is available at www.regincontrols.com.

Models

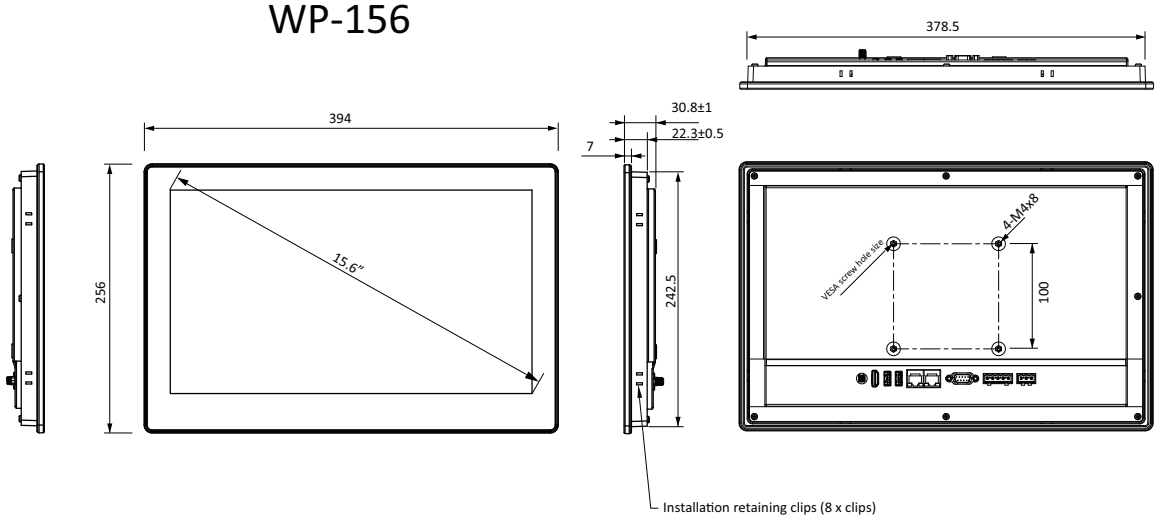
Article	Display type
WP-101	10.1" TFT LCD
WP-156	15.6" TFT LCD

Dimensions

WP-101



WP-156



[mm], unless otherwise specified

Documentation

All documentation can be downloaded from www.regincontrols.com.