WAGO Touch Panel 600
An Aesthetic Design Meets High Performance
OUR ADDED VALUE AT A GLANCE

High Performance
Parallel execution of computing operations with Cortex A9 Multicore processor provides high operating speed.

Openness
High-performance WAGO hardware combined with the future-ready Linux® operating system; for complex tasks, you can choose between programming in IEC 61131 or directly in Linux®.

e!COCKPIT
The e!COCKPIT Engineering Software, which is based on CODESYS V3, is used for visualization, programming, offline simulation, configuration of the fieldbuses, recipe management and much more.

Multi-Touch Capability
Devices with capacitive touch-screens allow gesture recognition, e.g., swipe gestures for turning pages or zooming.

Quick Mounting
The touch panel directly latches onto the control cabinet via mounting clips for quick and easy tool-free installation.

Convenient Operation
Sensors can automatically adjust the brightness of the panel based on a room’s ambient lighting conditions. The position of the screen setting buttons on the front side allows user-friendly adjustment.

Flexible Interface Options
Different variants are available to provide the interfaces required for the corresponding use.

Energy Efficiency
An integrated proximity sensor allows the visualization to be automatically re-displayed from the energy-saving screensaver. An integrated sensor simultaneously detects ambient lighting levels for brightness control.

IoT-Readiness
Through the use of a library, WAGO’s Control Panels become IoT touch controllers that send data from the field level to the cloud.

Non-Reflective
The black front plate on the marine devices absorbs incident light and prevents reflections.

Cybersecurity
The SSH and SSL/TLS encryption methods are integrated by default for establishing secure HTTPS and FTPS connections. A firewall provides additional protection against unwanted access.

Maintenance-Free
The touch panel has no fan or battery, making it completely maintenance-free.

HTML 5 Visualization
The use of standardized state-of-the-art technology allows the visualization to be displayed on mobile devices like smartphones and tablets.

High Protection Class
With specially developed clamps, the lofty IP65 degree of protection can be achieved for the front of the display. This design flexibility makes the panel extremely versatile and suitable for a wide variety of applications.
THREE PRODUCT FAMILIES

Operate, observe, visualize and diagnose in production, buildings and the process industry: Touch Panels with various hardware configurations are available for small- to mid-sized control and visualization tasks. Underneath a contemporary design, WAGO Touch Panels pack some of the industry’s most powerful equipment, allowing you to solidify the high-tech image of your machine or through high-quality visualizations. The Web-based Management feature of WAGO’s controllers can also be operated with the stylish displays. Furthermore, a scaled function is available; besides various functional divisions of the visualization, this also supports additional operations such as execution of a control function or support for additional fieldbus systems.

The right version with various interface configurations is available for every application.

STANDARD LINE
Devices with resistive touchscreens for standard control cabinet applications

MARINE LINE
Devices with black matte anti-reflection surfaces and special marine approvals for use in ship building

ADVANCED LINE
Capacitive multi-touch devices with a glass surface, along with both greater mechanical and chemical resistance for more extensive requirements
The operating and display devices in the Web Panel software configuration are provided with an optimized Web browser for accessing WAGO controllers via standard Web protocols with integrated Web visualization for display. Depending on the type of execution, Web visualizations that are created with eCOCKPIT or CODESYS V3 and based on state-of-the-art technology like HTML5 can be displayed. Web visualizations have the advantage of being displayed not only on special Web Panels, but also on standard commercial mobile devices like smartphones and tablets.

WEB PANEL
When greater performance is required, devices are used as Visu Panels. Visu Panels are suitable for displaying a visualization generated with eCOCKPIT and obtaining the data referenced in it from any field devices via Modbus® TCP, e.g., from PFC200-type controllers. In contrast to Web Panels, the computing power required here is divided between two devices, so the computing necessary for displaying the visualization is basically performed by the Visu Panel, offloading the controller. In the process, all operating functions are evaluated within the device without a delay and can affect the visualization directly. The Visu Panel can also provide a Web visualization via the integrated Webserver.

VISU PANEL

- Visualization of fieldbus data
- Offloads the controller
- Supplementary visualization via integrated Webserver
- Web Panel functionality integrated
Operating and display devices in the Control Panel software configuration allow control and visualization to be performed simultaneously, representing a very compact form for an automation solution. Furthermore, through the use of a corresponding library, control panels become IoT controllers that send data from the field level to the cloud, where it can be aggregated and used for analysis. This creates true added value for your company – be it for increasing the efficiency of in-house production, implementing energy management in buildings or developing further end customer services. Existing systems also become IoT-ready, making them sustainable into the future.
## WAGO TOUCH PANELS 600

### Versions, Hardware Configuration and Functions

#### STANDARD LINE

**Single-Touch**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Size (cm/inch)</th>
<th>Hardware configuration PIO1 Web Panel</th>
<th>Hardware configuration PIO2 Visu Panel</th>
<th>Hardware configuration PIO3 Control Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10.9 cm (4.3&quot;)</td>
<td>762-4101 TP 600 4.3 480x272 PIO1 WP</td>
<td>762-4201/8000-0001 TP 600 4.3 480x272 PIO2 VP</td>
<td>762-4301/Z000-0002 TP 600 4.3 480x272 PIO3 CP</td>
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<tr>
<td></td>
<td>14.5 cm (5.7&quot;)</td>
<td>762-4102 TP 600 5.7 640x480 PIO1 WP</td>
<td>762-4202/8000-0001 TP 600 5.7 640x480 PIO2 VP</td>
<td>762-4302/Z000-0002 TP 600 5.7 640x480 PIO3 CP</td>
</tr>
<tr>
<td></td>
<td>18 cm (7.0&quot;)</td>
<td>762-4103 TP 600 7.0 800x480 PIO1 WP</td>
<td>762-4203/8000-0001 TP 600 7.0 800x480 PIO2 VP</td>
<td>762-4303/Z000-0002 TP 600 7.0 800x480 PIO3 CP</td>
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<tr>
<td></td>
<td>25.7 cm (10.1&quot;)</td>
<td>762-4104 TP 600 10.1 1280x800 PIO1 WP</td>
<td>762-4204/8000-0001 TP 600 10.1 1280x800 PIO2 VP</td>
<td>762-4304/Z000-0002 TP 600 10.1 1280x800 PIO3 CP</td>
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#### MARINE LINE

**Single-Touch**

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<td>10.9 cm (4.3&quot;)</td>
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#### ADVANCED LINE

**Multi-Touch Capability**

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**Explanation:**

- Hardware configuration PIO1: 2 * ETHERNET, 2 * USB
- Hardware configuration PIO2: 2 * ETHERNET, 2 * USB; audio
- Hardware configuration PIO3: 2 * ETHERNET, 2 * USB; audio; 1 * RS-232/-485; 1 * CAN; retain memory; 4 * digital In-/Output

Find more information here: [www.wago.com/touch-panel](http://www.wago.com/touch-panel)