PANELVIEW 800
GRAPHIC TERMINALS
Visualization solution for your smart machines
Visualize your standalone machines

The business environment is ever evolving. You need smart machines to know where you are at every step of the way to make timely, actionable decisions to achieve operational efficiency.

Rockwell Automation® Micro Control Systems provide a fully scalable and integrated smart Automation Solution for standalone machine development. As part of our Micro Control System, PanelView™ 800 graphic terminals deliver a high-performance control and visualization solution with the ability to scale between micro and small systems. The terminals can help make your machines smarter, more productive and more connected.

Our PanelView 800 graphic terminals offer a high-speed processor and high-resolution display with keypad or touch screen option for operator input. Plus, these terminals offer remote monitoring capabilities. They are ideal for your standalone machines to meet a wide variety of small to mid-size applications.
Achieve results

Compatible with micro and small controllers
- Connect to Micro800™, MicroLogix™, CompactLogix™ 5370*, and CompactLogix 5380** controllers for small to mid-size applications
- Save time with CIP pass-through and bridging between the graphic terminal and the controller
- Enhance usability with direct application upload or download via the controller
- Optimize terminal connectivity with Micro800 controllers through direct tag referencing

Enabled for remote monitoring
- Minimize downtime by allowing operators to monitor and configure terminals remotely via Virtual Network Computing (VNC) servers

Secure visualization solution
- Increase terminal security with password protection to control personnel access
- Restrict unauthorized connectivity to the terminal by enabling or disabling unused EtherNet/IP™ or Serial ports

Multi-communication protocols
- Reduce machine set-up time via various communication protocols such as:
  - Serial (RS-232, RS422/485)
  - Modbus RTU/TCP
  - EtherNet/IP
  - DNP3 and DF1

Ease of use
- Improve operator to terminal communication with multi-language support
- Increase efficiency by modifying or deleting recipe names on the terminal
- Reduce programming time by uploading and downloading recipe values in one operation
- Back up or modify recipe offline easily by saving recipe in .csv format
- Ease maintenance by importing and exporting Language List to .xlsx format
- Simplify programming by using the Cross Reference Browser to trace and locate tags

*Excludes CompactLogix 5370 catalog 1769-L37xxx
**CompactLogix 5380 catalog 5069-L306xxx only

Overview
PG 3
Achieve results
PG 5
Develop project
PG 4
Select a graphic terminal
PG 6
Develop using Connected Components Workbench software

Experience ease of digital engineering with one integrated design software. Our Connected Components Workbench™ software offers controller programming and simulation, device configuration and integration with Human Machine Interface (HMI) editor. Reduce initial machine development time, evaluate and debug applications in the test environment, rename variables automatically, and more with Connected Components Workbench software.

Learn more at rok.auto/ccw

DesignStation

DesignStation is a development tool within Connected Components Workbench software that offers an enhanced user experience when creating applications for PanelView 800 graphic terminals.

DesignStation allows users to:

• Ease terminal language configuration through Unicode language switching
• Gain visibility on machine status via alarm messages with embedded variables and increased Alarm History Size
• Reduce programming time for basic recipe capabilities with native recipe objects
• Simplify programming with the ability to replicate applications easily across all terminal sizes with Change Graphic Terminal feature
Select a PanelView 800 graphic terminal

<table>
<thead>
<tr>
<th>Display size for landscape and portrait installation</th>
<th>4-inch</th>
<th>7-inch</th>
<th>10-inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog number</td>
<td>2711R-T4T</td>
<td>2711R-T7T</td>
<td>2711R-T10T</td>
</tr>
<tr>
<td>Resolution</td>
<td>480 x 272 WQVGA</td>
<td>800 x 480 WVGA</td>
<td>800 x 600 SVGA</td>
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<tr>
<td>Display type</td>
<td>TFT touch screen, wide LCD</td>
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<tr>
<td>Display hour</td>
<td>40,000 hours</td>
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<td></td>
</tr>
<tr>
<td>Colors</td>
<td>65K colors</td>
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<tr>
<td>Backlight</td>
<td>LED</td>
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<tr>
<td>Processor, CPU speed</td>
<td>800 MHz</td>
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<td></td>
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<tr>
<td>Operator input</td>
<td>Resistive touch and tactile function keys</td>
<td>Resistive touch</td>
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<tr>
<td>Memory and system storage</td>
<td>256 MB RAM and 256 MB storage</td>
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<tr>
<td>Real-time clock with battery</td>
<td>Yes</td>
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<tr>
<td>Software</td>
<td>Connected Components Workbench™ software version 8 or later</td>
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<tr>
<td>Accessories/Catalog number</td>
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<td>10 in. adapter plate kit/2711R-APK10</td>
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See PanelView Operator Interface Portfolio Features Comparison (publication 2711P-SP011) and Visualization Solutions Selection Guide (publication VIEW-SG002) for more information and features comparison.
Rockwell Automation recognizes that some of the terms that are currently used in our industry and in this publication are not in alignment with the movement toward inclusive language in technology. We are proactively collaborating with industry peers to find alternatives to such terms and making changes to our products and content. Please excuse the use of such terms in our content while we implement these changes.