Selection Guide

Allen-Bradley

Visualization Solutions

PanelView Terminals and Industrial Computers, Monitors, and Thin Clients



Product Specifications

PanelView 5310
PanelView 5500
PanelView Plus 7 Performance
PanelView Plus 7 Standard
PanelView Plus 6
MobileView
PanelView 800
VersaView 5000
Industrial Computers and Monitors

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This selection guide is meant to help you make initial decisions for the visualization products that are best suited for your system requirements. For detailed technical specifications, certifications, and environmental specifications, see the documentation links on the front cover of this selection guide.

For assistance and validation in final product selections, consider using the Configuration and Selection tools available at http://www.rockwellautomation.com/en/e-tools/index.html.

What's New

To help you optimize productivity, Rockwell Automation is expanding its product line with the PanelView™ 5310 terminals. These terminals are operator-interface terminals for small- to medium-sized applications. They monitor and control devices that are attached to ControlLogix® 5570, ControlLogix 5580, CompactLogix™ 5370, and CompactLogix 5380 series controllers over an EtherNet/IP network. Animated graphic and text displays provide operators a view into the operating state of a machine or process. Operators interact with the control system by using the touch screen or keypad of the terminal.

For more information about PanelView 5310 terminals, including complete technical specifications, certifications, and environmental specifications, see the PanelView 5310 Specifications Technical Data, publication 2713P-TD001.

Add Visualization to Your Control System

As a machine builder or end user, you design control solutions with an eye toward how to improve safety, achieve higher levels of performance and efficiency, and better integrate with the rest of the manufacturing operation. To achieve these goals, you need a scalable, modular control system that offers safety, throughput, and information management capabilities to match the requirements of each application.

Visualization products from Rockwell Automation comprise a suite of scalable HMI software and operator interface hardware that provide plant floor machine operators, supervisors, engineers, and business managers a window to critical data and production and process information. All of this information can be obtained from the plant floor and displayed on a local HMI or remotely on a web browser.

Whether it's a machine-level or site-level HMI, a Windows CE platform, a smaller component HMI, or an industrial computer, Rockwell Automation has a portfolio of visualization solutions to match your system requirements. Use the following tables to help you decide which products to use.

To control a machine, consider these options	
If you want to use…	**Consider this product line…**
Open architecture with your own software:	VersaView 5200 Thin Client
Small or Medium Computers	VersaView 5400
Large Computers	6181P or 6177R
Hazardous Location Computers	6181X
Display-only Monitors	VersaView 5100 6176M 6186M
Small HMI Systems	PanelView 5310 PanelView 800 PanelView Plus 7 Standard PanelView Plus 6 Compact
Medium or Large HMI Systems	PanelView Plus 6 Panelview Plus 7 Performance PanelView 5500 PanelView 5510 Mobile View

To control a site, consider these options	
If you want to use…	**Consider this product line…**
Display-only Monitors	VersaView 5100 6176M 6186M
Thin Client	VersaView 5200 Thin Client
Small or Medium Computers	VersaView 5400
Large Computers	6181P or 6177R
Hazardous Location Computers	6181X

In addition, consider the following questions, along with the PanelView Terminal Comparison table on page 4, and the configuration diagrams beginning on page 10, to guide your selection:

- Which controller and communication network are you connecting to?
- Which development environment (runtime version) does the terminal need to support?
- Which terminal size and screen count do you need?
- How many controllers and alarms do you need?
- Which features are required and desired?