

PanelView Plus 7 Performance Series B (or Series C Stainless Steel) Terminals

This publication helps you determine if the PanelView™ Plus 7 Performance Series B^(a) terminal you have is suitable for your application.



ATTENTION: Do not open the box if this product is not suitable for your application or if you are unsure. Please work with your distributor or Rockwell Automation representative if you have questions. In addition, read this entire document before you proceed.

The PanelView Plus 7 Performance Series B^(a) terminals run a new operating system (Windows® 10 IoT Core LTSC) and feature new hardware as compared to the Series A^(b) terminal.

There are functional differences between the Series B^(a) and the Series A^(b) products that can require application or process changes. This table provides a list of differences, along with our priorities for remediation and possible workarounds. Additional information about some of these functions also appears on successive pages within this document.

IMPORTANT PanelView Plus 7 Performance Series B^(a) terminals do not ship with firmware pre-installed. You must install firmware on the terminal before it can be used. For more information about the initial out-of-box experience and how to install firmware on the terminal, see the PanelView Plus 7 Performance Series B Terminals Quick Start, publication [2711P-0S002](#).

Series A ^(b) Capability	Series B ^(a) Change/Impact	Workaround/Note	Series B ^(a) Update Planned?
Virtual Network Computing (VNC) Server	Series B only supports VNC Server capabilities	Firmware Update 12.105 added VNC server capabilities. FactoryTalk® ViewPoint (included at no charge) also allows for remote connections	Released in Firmware Update 12.105
Embedded Web Browser ActiveX Control	Embedded browsers are no longer supported. Rather, they are replaced at runtime with a non-functional button	Firmware Update 12.102 added a button in place of the embedded web browser to launch the full screen Edge browser	Released in Firmware Update 12.102
Playback of Local Media Files through a Web Browser	Configurations that attempt to play locally stored video files generate an error	Firmware Update 12.107 added the capability to playback local media files using Microsoft Edge	Released in Firmware Update 12.107
Third-party Applications and Executables (.EXE files)	Cannot be installed	Windows 10 IoT Core does not support installation of .EXE files	No
Print to PDF	-	Print to PDF functionality is released in Firmware Update 12.105	Released in Firmware Update 12.105
Audio within the FactoryTalk View Machine Edition (ME) application	FactoryTalk View ME Alarm Sound capability is supported	Alarm sound released in Firmware Update 12.106	Released in Firmware Update 12.106
Secure ViewPoint Protocol (HTTPS)	ViewPoint runs, but without HTTPS support	-	No
Access to Network Shares (Data Log and Recipe Storage)	Configurations that attempt to store files generate an error	Store data locally on removable media	No
Microsoft® Office Viewers for Excel®, PowerPoint, and Word Documents	The viewers are not included in the Windows 10 IoT Core LTSC operating system	-	No
Screenshot	The Screenshot function is not included in the Windows 10 IoT Core LTSC operating system	Modify the application in FactoryTalk View Studio to provide user access to the Print Screen function in the user application	No
Screen Saver	The Screen Saver function is not currently included in the Windows 10 IoT Core LTSC operating system	Configure the terminal to dim the screen when it is idle in FactoryTalk View Studio	No
Autorun Program (autorun.bat)	This program launches when the operating system starts or when removable media is inserted	None. There is no workaround	No
Third-party ActiveX controls	Third-party ActiveX controls are no longer supported in Windows 10 IoT Core	Only FactoryTalk View ME Active X controls are supported	No
LDAP when using NAT	User authentication will error when connecting to a domain server over a network address translator	Use VLAN routing instead of NAT. Have or Series B terminal on the same subnet as the Domain Server	TBD

(a) Or Series C Stainless Steel Terminals (PanelView Plus 7 Performance catalog numbers that end in -BSHK)
 (b) Or Series B Stainless Steel Terminals (PanelView Plus 7 Performance catalog numbers that end in -BSHK)

Virtual Network Computing (VNC)

PanelView Plus 7 Performance Series A^(b) terminals contain a VNC server for remote access capability. PanelView Plus 7 Performance Series B^(a) terminals include VNC server functionality as of Firmware Update 12.105.

FactoryTalk ViewPoint software is an option for remote access. The FactoryTalk ViewPoint Quick Start Guide, publication [FTVP-QS002](#), describes how it provides access to the FactoryTalk View ME application on a PanelView Plus 7 Performance terminal. See the [PanelView Plus 7 Performance Series B Table of Contents](#) in Knowledgebase (log on is required.)

Embedded Web Browser ActiveX control

PanelView Plus 7 Performance Series A^(b) terminals provide the ability to embed Internet Explorer within a screen by using the Web Browser ActiveX control. PanelView Plus 7 Performance Series B^(a) terminals support opening the embedded Web Browser Active X control with a button that opens the link in the full screen Microsoft® Edge™ web browser. See the [PanelView Plus 7 Performance Series B Table of Contents](#) in Knowledgebase (log on is required.)

Playback of Local Media Files through Web Browser

PanelView Plus 7 Performance Series A^(b) terminals provide the ability to play local media files, such as a video stored on an SD card, by using Program Launcher ActiveX to launch the Windows Media player. PanelView Plus 7 Performance Series B^(a) terminals support the playback of local media files, using Microsoft Edge, as of Firmware Release 12.107.

Third-party Applications and Executables (.EXE Files)

PanelView Plus 7 Performance Series A^(b) terminals provide support for some third-party applications. PanelView Plus 7 Performance Series B^(a) terminals do not provide support for third-party applications.

Audio within the FactoryTalk View ME Application

Audio within an ME application is supported in Firmware Release 12.106.

Secure ViewPoint Protocol (HTTPS)

PanelView Plus 7 Performance Series A^(b) terminals support HTTPS binding to the ViewPoint server. PanelView Plus 7 Performance Series B^(a) terminals do not support HTTPS binding to the ViewPoint server. See the FactoryTalk ViewPoint Quick Start Guide, publication [FTVP-QS002](#), and the FactoryTalk ViewPoint Help for more information.

Access to Network Shares (Data Log and Recipe Storage)

PanelView Plus 7 Performance Series A^(b) terminals support access to network shares from FactoryTalk View ME. FactoryTalk View ME on PanelView Plus 7 Performance Series B^(a) terminals cannot save or read data, such as data logs and recipes, from remote storage over the network.

Microsoft Office Viewers for Excel, PowerPoint, and Word Documents

PanelView Plus 7 Performance Series A^(b) terminals ship with viewers for Excel, PowerPoint, and Word documents. PanelView Plus 7 Performance Series B^(a) terminals do not ship with these types of viewers.

Screen Saver

PanelView Plus 7 Performance Series A^(b) terminals provide the ability to specify a screen saver image. PanelView Plus 7 Performance Series B^(a) terminals do not provide the ability to specify a screen saver image. However, PanelView Plus 7 Performance Series B^(a) terminals provide the ability to dim the display. See the PanelView Plus 7 Performance Terminals User Manual, publication [2711P-UM008](#), for more information on how to dim the display. Autorun Program (autorun.bat) Autorun program (for example, autorun.bat) launches when the operating system starts or a removable media is inserted.

Download Firmware

Firmware can be downloaded over a network connection via ControlFLASH™ or ControlFLASH Plus™ software. For a static IP address, a DHCP server or DHCP capable utility must be used in order to obtain an IP Address – assigning a Static IP Address manually is not supported. A USB storage device can also be used.

Calibration Menu

According to the Quick Start Guide, new PanelView Plus 7 Performance Series B^(a) terminals open to the Calibration Menu, but some terminals open to the Maintenance Menu. In these cases, you must select the Calibration Menu and calibrate the touch screen. The out-of-box experience has been corrected in terminals that are manufactured after May 2, 2022. Terminals that are manufactured after this date open to the Calibration Menu.

Additional Resources

These publications contain additional information concerning the PanelView Plus 7 Performance terminals.

Resource	Description
PanelView Plus 7 Performance Series B Table of Contents in Knowledgebase.	Question and answer database on various products and technologies. To access this Knowledgebase article, you need to sign in.
2711P PanelView Plus 7 Performance Release Notes in the Product Compatibility and Download Center (PCDC)	Product-related downloads including firmware, release notes, associated software, drivers, tools, and utilities.
PanelView Plus 7 Performance Series B Terminals Quick Start Guide, publication 2711P-QS002	Provides instructions on how to configure and install the PanelView Plus 7 Performance Series B terminals. Also describes how to update the firmware for these terminals.
PanelView Plus 7 Performance Terminals User Manual, publication 2711P-UM008	Provides instructions on how to install, configure, and operate the PanelView Plus 7 Performance terminals.
PanelView Plus 7 Performance Terminals Technical Data, publication 2711P-TD009	Provides technical specifications, environmental specifications, and certifications for the performance models of the PanelView Plus 7 Performance terminals.
FactoryTalk View Machine Edition (ME) User's Guide, publication VIEWME-UM004	Provides comprehensive information about FactoryTalk View ME, procedures for creating and running an automation application, and reference information.

You can view or download publications at rok.auto/literature.

Waste Electrical and Electronic Equipment (WEEE)







At the end of life, this equipment should be collected separately from any unsorted municipal waste.

Rockwell Automation maintains current product environmental compliance information on its website at rok.auto/pec.

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Publication 2711P-RN005C-EN-P - January 2024 | Supersedes Publication 2711P-RN005B-EN-P - April 2022

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