PanelView Plus 7 Operator Interfaces

Allen-Bradley

Graphic Terminals Designed to Improve Performance

Features and Benefits

Increased Scalability

- Form factor includes sizes from 4" to 19" with wide screen options to meet a variety of application needs
- Using less than 2-inch cabinet depth saves space and reduces cost

Improved Performance

- Windows CE 6.0 standard features, including email and text notification and secure FTP server
- Embedded Ethernet ports that support device-level ring, linear or star network topologies
- Embedded PDF Viewer displays user manuals and installation guides

Mobile Enabled

- Monitor applications from a secure remote location with VNC connectivity
- Email and texting capabilities provide real-time notifications

Enhanced Development Experience

- Faceplates and Add-on Instructions can save 50%-90% of complex screen development time
- Use an SD card to copy and restore the operator interface applications
- Increase operator productivity by creating intuitive interface with gradient shading and PNG support

The PanelView™ Plus 7 operator interfaces form a comprehensive portfolio, with Standard and Performance models that provide operators at the machine level a view into the control system. The use of FactoryTalk® View Machine Edition helps simplify configuration and strengthen your Integrated Architecture solution.

The operator terminals are ideal for applications that require monitoring, controlling and displaying information in dynamic ways, where operators must quickly understand machine status and make better decisions.

Performance Models

Offered in six sizes from 7" to 19" with widescreen options, the PanelView Plus 7 Performance is designed for all applications, ranging from small to complex machines. They include high performing processors, increased memory options and embedded Ethernet ports that support device-level ring, linear, or star network topologies. Additionally, the PanelView Plus 7 Performance models include enhanced features including an RDP client that creates a thin client terminal and web browser ActiveX functionality to embed HTML pages inside the application.

Standard Models

With sizes ranging from 4" to 15", the PanelView Plus 7 Standard terminals provide basic features, ideal for small and mid-size machine applications. They include single or DLR Ethernet port options for network connectivity and ATEX Zone 2/22 certification. FactoryTalk Machine Edition 9.0 provides connection to one controller, 50 screens (25 replace and 25 on-top faceplate screens), and 500 alarms. Previous FactoryTalk Machine Edition versions offer connection to one controller, 25 screens and 200 alarms.

PanelView Plus 7 Operator Interfaces

RDP client feature creates thin client application

Web browser ActiveX embeds HTML pages inside application

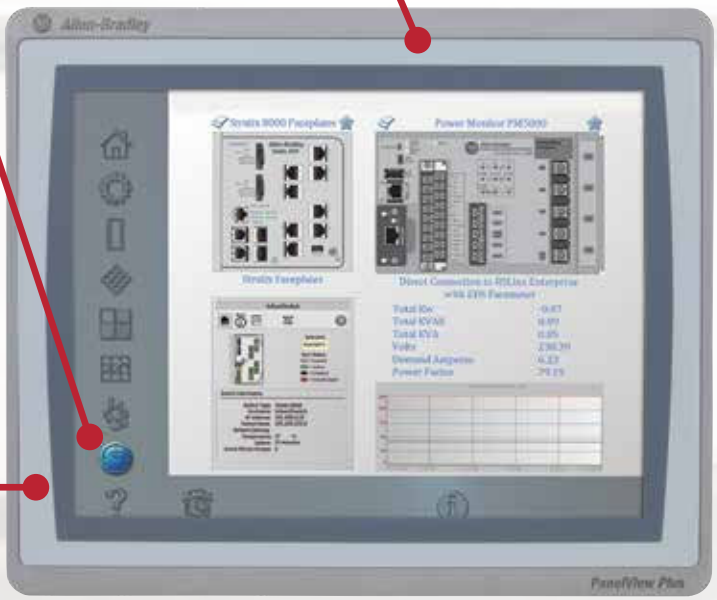
PERFORMANCE MODEL

SD storage card slot for data storage, data logging, recipe management and terminal replication

USB ports for printer, RFID reader and web camera support

Embedded PDF Viewer shows user manuals and installation guides

Faceplates and Add-on Instructions saves time on complex screen development time



ATEX 2/22 certification

STANDARD MODEL

New installation clamps provide fast and simple terminal installation and removal

Single or DLR-embedded Ethernet ports for connectivity in Standard terminals and embedded Ethernet port with DLR in Performance terminals

Quick and Easy Terminal Copy and Restore

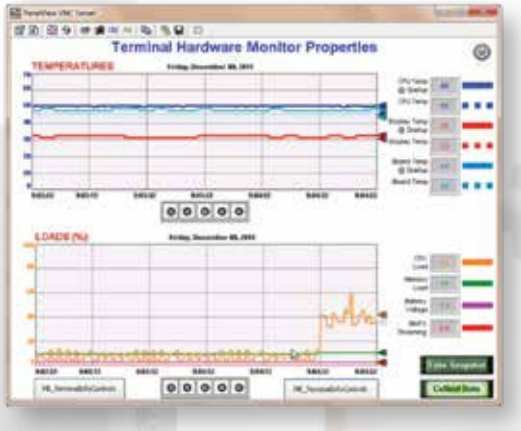
Use an SD card to quickly create copies of a terminal to reduce your time to market or restore a terminal.

- Operating system
- Network configuration and terminal settings
- FactoryTalk® View Machine Edition (ME) runtime file
- Datalogs and Recipe files

FactoryTalk View Machine Edition

Offers simplified project maintenance with improved handling of multiple FactoryTalk View Machine Editions applications on same terminal

- Added domain authentication options
- Manages security configuration within a running application
- Includes improved audit trail
- Provides recipe management, multi-language capabilities and intuitive animations



Fast Troubleshooting with Real Time Diagnostics

- Capture terminal environmental data at runtime such as temperature, load and battery voltage
- Mobile ready with VNC support and FactoryTalk Viewpoint

PanelView Plus 7 Standard and Performance Specifications

For up-to-date specifications, accessories, manuals and service information, visit:
http://ab.rockwellautomation.com/Graphic-Terminals

	PanelView Plus 7 Standard	PanelView Plus 7 Performance
Display Size	4 inch display (110 x 135 mm) 6 inch display (152 x 176 mm) 7 inch display (170 x 212 mm) 9 inch display (190 x 280 mm) 10 inch display (252 x 297 mm) 12 inch display (240 x 340 mm) 15 inch display (318 x 381 mm)	7 inch display (170 x 212 mm) 9 inch display (190 x 280 mm) 10 inch display (252 x 297 mm) 12 inch display (240 x 340 mm) 15 inch display (318 x 381 mm) 19 inch display (411 x 485 mm)
Display Type	Color TFT LCD, 18-Bit Color Graphics	
Operating System	Microsoft Windows CE 6.0 R3	
Open Architecture	Yes	
CPU	ARM – 1.0 GHz	X86 – 1.3 GHz
RAM	512 MB	512 MB
Internal Storage	512 MB storage 80 MB nonvolatile storage for applications	
Real-time clock	Yes, battery-backed time clock timestamps critical data. Accuracy +/-2 minutes per month	
Environmental Operating Temperature	0...55 °C (32...131 °F)	
Ratings	NEMA 12, 13, 4X, IP54, IP66	
Certifications	ATEX Zone 2, ATEX Zone 22; cULus listed; Class I, Div 2, Groups A,B,C,D, T4; Class II, Div 2, Groups F, G; Class III; Class I, Zone 2, Groups 11C T4; KCC; CE (EMC); CE (LVD); RoHS; EAC; INMETRO	cULus listed; Class I, Div 2, Groups A,B,C,D, T4; Class I, Zone 2, Groups 11C T4; KCC; CE (EMC); CE (LVD); RoHS
SD	1 x SDHC	
USB	1 USB-A and 1 USB-B (v2.0 high speed)	2 USB-A and 1 USB-B (v2.0 high speed)
Ethernet	Either 1 RJ45 10/100 MB port or 2 10/100Base-T Auto MDI/MDI-X Ethernet ports that support DLR, linear or star network topologies	2 10/100Base-T, Auto MDI/MDI-X Ethernet ports that support DLR (device-level ring), linear or star network topologies
Input Power	DC (18...30V DC)	DC (18...30V DC) and AC (100...240V AC)
Standard Software	FactoryTalk Machine Edition 7.0 or later, FactoryTalk Viewpoint, PDF viewer, ActiveX controls, Remote terminal control, FTP server	

Allen-Bradley, CompactLogix, FactoryTalk, Integrated Architecture, LISTEN. THINK. SOLVE. PanelView and Rockwell Software are trademarks of Rockwell Automation, Inc.
Trademarks not belonging to Rockwell Automation are property of their respective companies.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Publication 2711P-PP013F-EN-P – February
Supersedes Publication 2711P-PP013D-EN-P – August 2015

Copyright © 2017 Rockwell Automation, Inc. All Rights Reserved. Printed in USA.