

PanelView Operator Interface Portfolio Features Comparison



								
CONNECTIVITY								
CompactLogix® 5370 ¹	Yes ¹ (v27+)	Yes ¹ (v27+)	Yes	Yes	Yes	Yes	Yes	Yes
ControlLogix® 5570	Yes (v27+)	Yes (v27+)	Yes	Yes	Yes	-	Yes	Yes
CompactLogix 5380 and ControlLogix 5580 (Studio 5000 v29+)	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
CompactLogix 5480 (Studio 5000 v31+)	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
PLC-5/SLC Controllers - Ethernet	-	-	Yes	Yes	Yes	Yes	Yes	Yes
PLC-5/SLC/MicroLogix™ Controllers - Serial (DF1)	-	-	Yes ²	Yes ²	-	Yes	Yes	Yes
PLC-5/SLC Controllers - DH+ / ControlNet	-	-	-	-	-	-	Yes	-
Micro800® Controllers	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Third Party Controllers	-	-	Yes	Yes	Yes	-	Yes	Yes
DEVELOPMENT ENVIRONMENT								
Studio 5000® Environment	v30+(View Designer v4+)	v30+(View Designer v4+)	-	-	-	-	-	-
FactoryTalk® ME Software	-	-	5.x, 6.x, 7, 8.x, 9.x, 10.x, 11.x	5.1, 6.x, 7.x, 8.x, 9.x, 10.x, 11.x	3.2, 4, 5.x, 6.x, 7, 8.x, 9.x, 10.x ³ , 11.x	-	3.2, 4, 5.x, 6.x, 7, 8.x, 9.x, 10.x, 11.x	5.1, 7, 8.x, 9.x, 10.x, 11.x
Connected Components Workbench™ Software	-	-	-	-	-	7, 8.x, 9.x, 10.x, 11.x, 12.x	-	-
SCALE								
Screen Size (Rounded Inches)	7, 7W, 9W, 10, 12W, 15, 19	6, 7W, 9W, 10, 12W	7, 9W, 10, 12W, 15, 19	4W, 6, 7, 9W, 10, 12W, 15	10W	4, 7, 10	4, 6, 7, 10, 12, 15	4, 6, 10
Screen Count / Controllers / Alarms	100/4/4000 (View Designer v5+)	100/1/1000 (View Designer v5+)	No limit (based on memory and CPU)	100 (50 replace, 50 on-top)/1/500 ⁵	No limit (based on memory and CPU)	50/1/400 ³	No limit (based on memory and CPU)	25/1/200
HIGH PERFORMANCE FEATURES								
High Speed on Screen Buttons	Yes	Yes	-	-	-	-	-	-
Scalable Vector Graphics	Yes	Yes	-	-	-	-	-	-
Property Binding	Yes	Yes	-	-	-	-	-	-
Automatic Rescaling	Yes	Yes	-	-	-	-	-	-
Alignment Guides	Yes	Yes	-	-	-	-	-	-
Events and Commands	Yes	Yes	-	-	-	-	-	-
Navigation Button with on Screen Pop-up Menu	Yes (Hard)	Yes (Soft)	-	-	-	-	-	-
Predefined Controller / Network / Terminal Status Screens	Yes	Yes	-	-	-	-	-	-
Smart Runtime Error Notifications	Yes	Yes	-	-	-	-	-	-
ALARMING								
HMI-based Alarms	Future	Future	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Display of Logix-based Alarms	Yes	Yes	-	-	-	-	-	-
Logix Tag-based Alarms	Yes (View Designer v5+)	Yes (View Designer v5+)	-	-	-	-	-	-
DATALOGGING								
HMI-based Datalog	Yes (View Designer v4+)	Yes (View Designer v4+)	With CSV Export	With CSV Export	With CSV Export	With CSV Export	With CSV Export	With CSV Export
GRAPHICS								
High Resolution and Wide Screens	Yes	Yes	Yes	Yes	Yes	Yes	-	-
Custom Graphic Reuse	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Display Import / Export	Future	Future	Yes	Yes	Yes	-	Yes	Yes
Faceplates	Yes (View Designer v4+)	Yes (View Designer v4+)	Yes	Yes	Yes	Yes	Yes	Yes
Display Reuse with Parameters	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
Animation	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
Portrait / Landscape Display Mode	Future	Future	Yes	-	-	Yes	-	-
MULTI-LANGUAGE SUPPORT								
Language Switching	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Localized Keyboard	Future	Future	Yes	Yes	Yes	Yes	Yes	Yes
REMOTE ACCESS								
Web HMI Server (Remote Viewing / Control)	Future - Remote client support	Future - Remote client support	FactoryTalk Viewpoint	FactoryTalk Viewpoint	-	-	FactoryTalk Viewpoint	FactoryTalk Viewpoint
VNC Server	Yes (View Designer v4+)	Yes (View Designer v4+)	Yes	Yes	Yes	Yes	Yes	Yes
FTP Server	-	-	Yes	Yes	Yes - can be installed	Yes ⁴	Yes	Yes
Remote Desktop Client	-	-	Yes	Yes	Yes	-	Yes	Yes
VNC Client	-	-	Yes	Yes	Yes - can be installed	-	Yes	Yes

¹ Note that the CompactLogix 5370 controllers have limited memory. Make sure these controllers will fit your application, particularly if you are using the ALMA and ALMD alarm instructions

² With Serial (DF1) to USB cable - using catalog numbers 9300-USBCBL-CP3 and 9300-USBCBL-PM02



³ Only applies to CompactLogix 5370 controller, excluding L37

⁴ Not applicable to CompactLogix controller connectivity

⁵ See KnowledgeBase #1085457

⁶ v11 firmware only

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	 PanelView 5510	 PanelView 5310	 PanelView Plus 7 Performance	 PanelView Plus 7 Standard	 MobileView	 PanelView 800	 PanelView Plus 6 (End of Life)	 PanelView Plus 6 Compact (End of Life)
OTHER								
Device Level Ring	Yes	-	Yes	Optional	-	-	-	-
ActiveX Controls	-	-	Yes	Yes	Yes	-	Yes	Yes
Enhanced Write Filter	-	-	-	-	Yes	-	-	-
Emulator	Yes (View Designer v4+)	Yes (View Designer v4+)	Yes	Yes	Yes	-	Yes	Yes
USB Input	2x USB 2.0 (Type A)	1x USB 2.0 (Type A), 1x USB 2.0 (Type B)	2x USB 2.0 (Type A)	1x USB 2.0 (Type A), 1x USB 2.0 (Type B)	1x USB 2.0 (Type A)	1x USB 2.0 (Type A)	4" & 6": 1x USB 2.0 (Type A), 1x USB 2.0 (Type B), 7", 10", 12", 15": 2x USB 2.0 (Type A), 1x USB 2.0 (Type B)	4" & 6": 1x USB 2.0 (Type A), 1x USB 2.0 (Type B), 10": 2x USB 2.0 (Type A), 1x USB 2.0 (Type B)
Backup / Restore / Cloning	Load project from removable media (View Designer v4+)	Load project from removable media (View Designer v4+)	Yes	Yes	Yes	Yes	Yes	Yes
Operating system	None	None	Windows CE 6.0	Windows CE 6.0	Windows Embedded Standard 7 SP1	None	Windows CE 6.0	Windows CE 6.0
Desktop	None	None	Secured Desktop Access	Secured Desktop Access	None	None	Secured Desktop Access	Secured Desktop Access
SD Card	Yes	Yes	Yes	Yes	Yes (internal only)	Yes	Yes	Yes
Power	DC	DC	AC or DC	DC	DC	DC	AC or DC	DC
RECIPES								
Recipe Manager	Future	Future	Yes	Yes	Yes	Yes	Yes	Yes
Macros	-	-	Yes	Yes	Yes	-	Yes	Yes
REPORTING								
Email	Future	Future	Yes	Yes	Yes	Yes****	Yes	Yes
SECURITY								
Local Users	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FactoryTalk Software Users	-	-	Yes	Yes	Yes	-	Yes	Yes
Microsoft Active Directory Users	-	-	Yes	Yes	Yes	-	Yes	Yes
Auto Logoff	Yes (View Designer v5+)	Yes (View Designer v5+)	Yes	Yes	Yes	Yes	Yes	Yes
TAGS								
Logix Tag Extended Properties	Yes	Yes	-	-	-	-	-	-
Direct Reference Tags	Yes	Yes	Yes	Yes	Yes	Micro800 only	Yes	Yes
HMI Tags	-	-	Yes	Yes	Yes	Yes	Yes	Yes
TRENDING								
Real-time Trending	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Historical Trending	Yes (View Designer v4+)	Yes (View Designer v4+)	Yes	Yes	Yes	-	Yes	Yes
TROUBLESHOOTING								
Smart Runtime Error Notifications	Yes	Yes	-	-	-	-	-	-
Device Diagnostic Screens (PLC and HMI)	Yes	Yes	Faceplates + ActiveX control	Faceplates + ActiveX control	Faceplates + ActiveX control	-	Faceplates + ActiveX control	Faceplates + ActiveX control
VIEWERS								
PDF	Yes (View Designer v4+)	Yes (View Designer v5+)	Yes	Yes	-	-	Yes	Yes
Excel	-	-	Yes	-	-	-	Optional	-
PowerPoint	-	-	Yes	-	-	-	Optional	-
Word	-	-	Yes	-	-	-	Optional	-
Web Browser	-	-	Yes	-	Yes	-	Optional	-
Media Player	-	-	Yes	-	-	-	Optional	-
CERTIFICATIONS								
Major Certifications	cULus; CE; KCC; RCM; RoHS; EAC	cULus; CE; KCC; RCM; RoHS; EAC	cULus; CE; KCC; RCM; RoHS	cULus; CE; KCC; RCM; RoHS; EAC	cULus; CE; RCM; RoHS	cULus; CE; KCC; RCM; RoHS	cULus; CE; KCC; RCM; RoHS	cULus; CE; KCC; RCM; RoHS
Hazardous Locations	Class I Div 2	-	Class I Div 2	Class I Div 2; ATEX Zone 2, 22	-	-	Class 1 Div 2	Class 1 Div 2
INMETRO	-	-	-	Yes	-	-	-	-
Marine Certification	Yes	-	-	-	-	Yes	Yes	-
MODIFIED TERMINALS								
Conformal Coating	Future	Future	7, 9W, 10, 12W, 15, 19	-	-	-	7 in., 12 in.	-
High Bright Display	Future	-	-	-	-	-	12 in.	-
On-Machine	Future	-	12W (ArmorView)	-	-	-	-	-
Stainless-Steel	Future	-	9W Brandless, 12W Brandless	-	-	-	-	-
Illuminated E-stop	-	-	-	-	Gen 2 Only	-	-	-
Configurable JunctionBox ID	-	-	-	-	Gen 2 Only	-	-	-