

PanelView Operator Interface Portfolio Features Comparison

								 (Active Mature)	 (Active Mature)
CONNECTIVITY									
CompactLogix® 5370*	Yes* (v27+)	Yes* (v27+)	Yes* (v27+)	Yes	Yes	Yes	Yes	Yes	Yes
ControlLogix® 5570	Yes (v27+)	Yes (v27+)	Yes (v27+)	Yes	Yes	Yes	-	Yes	Yes
CompactLogix 5380 and ControlLogix 5580 (Studio 5000 v29+)	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
CompactLogix 5480 (Studio 5000 v31+)	Yes	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	Yes	-	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+)	v27+(View Designer v2+)	-	-	-	-	-	-
FactoryTalk® ME Software	-	-	-	5.x, 6.x, 7, 8.x, 9.x, 10.x	5.1, 6.x, 7.x, 8.x, 9.x, 10.x	3.2, 4, 5.x, 6.x, 7, 8.x, 9.x, 10.x	-	3.2, 4, 5.x, 6.x, 7, 8.x, 9.x, 10.x	5.1, 7, 8.x, 9.x, 10.x
Connected Components Workbench™ Software	-	-	-	-	-	-	7, 8.x, 9.x, 10.x	-	-
SCALE									
Screen Size (Rounded Inches)	7, 7W, 9W, 10, 12W, 15, 19	6, 7W, 9W, 12W	7, 9W, 10, 12W, 15, 19	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	100/1/1000	50/1/1000	100/1/1000	No limit (based on memory and CPU)	50 (25 replace, 25 on-top faceplates)/1/500	No limit (based on memory and CPU)	25/1/200 **	No limit (based on memory and CPU)	25/1/200
HIGH PERFORMANCE FEATURES									
High Speed on Screen Buttons	Yes	Yes	Yes	-	-	-	-	-	-
Scalable Vector Graphics	Yes	Yes	Yes	-	-	-	-	-	-
Property Binding	Yes	Yes	Yes	-	-	-	-	-	-
Automatic Rescaling	Yes	Yes	Yes	-	-	-	-	-	-
Alignment Guides	Yes	Yes	Yes	-	-	-	-	-	-
Events and Commands	Yes	Yes	Yes	-	-	-	-	-	-
Navigation Button with on Screen Pop-up Menu	Yes (Hard)	Yes (Soft)	Yes (Hard)	-	-	-	-	-	-
Predefined Controller / Network / Terminal Status Screens	Yes	Yes	Yes	-	-	-	-	-	-
Smart Runtime Error Notifications	Yes	Yes	Yes	-	-	-	-	-	-
ALARMING									
HMI-based Alarms	Future	Future	-	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Display of Logix-based Alarms	Yes	Yes	Yes	-	-	-	-	-	-
DATALOGGING									
HMI-based Datalog	Yes (View Designer v4+)	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	Yes	-	-
Custom Graphic Reuse	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vector Graphics	Yes	Yes	Yes	-	-	-	-	-	-
Display Import / Export	Future	Future	-	Yes	Yes	Yes	-	Yes	Yes
Faceplates	Yes (View Designer v4+)	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	Yes
Animation	Yes	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	Yes
Localized Keyboard	Future	Future	-	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 (View Designer v4+)	Yes	Yes	Yes	Yes	Yes	Yes
FTP Server	-	-	-	Yes	Yes	Yes - can be installed	-	Yes	Yes
Remote Desktop Client	-	-	-	Yes	Yes	Yes	-	Yes	Yes
VNC Client	-	-	-	Yes	Yes	Yes - can be installed	-	Yes	Yes

* 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.

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OTHER									
Device Level Ring	Yes	-	Yes	Yes	Optional	-	-	-	-
ActiveX Controls	-	-	-	Yes	Yes	Yes	-	Yes	Yes
Enhanced Write Filter	-	-	-	-	-	Yes	-	-	-
Emulator	Yes (View Designer v4+)	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)	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+)	Load project from removable media (View Designer v4+)	Yes	Yes	Yes	Yes	Yes	Yes
Operating system	None	None	None	Windows CE 6.0 operating system	Windows CE 6.0 operating system	Microsoft Windows Embedded Standard 7 SP1	None	Windows CE 6.0 operating system	Windows CE 6.0 operating system
Desktop	None	None	None	Secured Desktop Access	Secured Desktop Access	None	None	Secured Desktop Access	Secured Desktop Access
SD Card	Yes	Yes	Yes	Yes	Yes	Yes (internal only)	Yes	Yes	Yes
Power	DC	DC	AC or 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	Future	Yes	Yes
SECURITY									
Local Users	Yes	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
TAGS									
Logix Tag Extended Properties	Yes	Yes	Yes	-	-	-	-	-	-
Direct Reference Tags	Yes	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	Yes
Historical Trending	Yes (View Designer v4+)	Yes (View Designer v4+)	Yes (View Designer v4+)	Yes	Yes	Yes	-	Yes	Yes
TROUBLESHOOTING									
Smart Runtime Error Notifications	Yes	Yes	Yes	-	-	-	-	-	-
Device Diagnostic Screens (PLC and HMI)	Yes	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 v4+)	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	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	Class I Div 2; ATEX Zone 2, 22	-	-	Class 1 Div 2	Class 1 Div 2
INMETRO	-	-	-	-	Yes	-	-	-	-
Marine Certification	Future	-	-	Future	-	-	-	Yes	-
MODIFIED TERMINALS									
Conformal Coating	Future	-	-	Future	-	-	-	7 in., 12 in.	-
High Bright Display	Future	-	-	Future	-	-	-	12 in.	-

For more information see the Visualization Selection Guide