






Graphic / Logic Panels

4.4 inch, STN LCD (Mono) Graphic Panel / 5.7 inch, STN LCD (Mono) Graphic Panel /

Series	Display Specifications				Graphic Drawing Memory	Touch Method
	LCD Type	Resolution	Display Area	Color		
4.4 inch, STN LCD (Mono) Graphic Panel GP-S044 Series  W145×H75×L38mm	4.4 inch STN Blue Negative	240×80 pixel	112.8×37.6mm	MONO (blue, white)	512KB	Pressure sensitive type
5.7 inch, STN LCD (Mono) Graphic Panel GP-S057 Series  W156×H132×L35.5mm	5.7 inch STN Blue Negative	320×240 pixel	119×91mm	MONO (blue, white)	512KB	Pressure sensitive type
7 inch, TFT LCD (Color) Graphic Panel GP-S070 Series  W194×H134×L35mm	7 inch TFT Color LCD	800×480 pixel	152.4×91.44mm	16,777,216 colors	16MB	Pressure sensitive type

※1. Ethernet communication is available only for data upload/download of the dedicated software.

Series	Display Specifications				Graphic Drawing Memory	Touch Method	Control Performance			I/O Configuration
	LCD Type	Resolution	Display Area	Color			Program Capacity	Processing Time	Command	
4.4 inch, STN LCD (Mono) Logic Panel LP-S044 Series  W145×H75×L54.5mm	4.4 inch STN Blue Negative	240×80 pixel	112.8×37.6mm	MONO (blue, white)	384KB	Pressure sensitive type	8K steps	Average: 6 to 7μs/ steps	Basic command : 28 Application command : 220	NPN input : 16-point NPN output : 16-point
7 inch, TFT LCD (Color) Logic Panel LP-S070 Series  W194×H134×L35mm	7 inch TFT Color LCD	800×480 pixel	152.4×91.44mm	16,777,216 colors	16MB	Pressure sensitive type	8K steps	Average: 2μs/ steps	Basic command : 28 Application command : 233	NPN input : 16-point NPN output : 16-point

※1. Ethernet communication is available only for data upload/download of the dedicated software.

Interface					Power Supply	Protection Structure	Dedicated Software	Approval	Model
RS232C	RS422	USB (Host)	USB (Device)	Ethernet ^{※1}					
1	1	—	—	—	24VDC	IP65F (front panel)	GP Editor (drawing program)	CE	GP-S044-S1D0
2	—	—	—	—	24VDC	IP65F (front panel)	GP Editor (drawing program)	CE	GP-S044-S1D1
1	1	—	—	—	24VDC	IP65F (front panel)	GP Editor (drawing program)	CE	GP-S057-S1D0
2	—	—	—	—	24VDC	IP65F (front panel)	GP Editor (drawing program)	CE	GP-S057-S1D1
1	1	1	1	1	24VDC	IP65F (front panel)	GP Editor (drawing program)	CE	GP-S070-T9D6
2	—	1	1	1	24VDC	IP65F (front panel)	GP Editor (drawing program)	CE	GP-S070-T9D7

Interface					I/O Connector Type		Power Supply	Protection Structure	Dedicated Software	Approval	Model
RS232C	RS422	USB (Host)	USB (Device)	Ethernet ^{※1}	Terminal Block	Ribbon Cable					
1	1	—	—	—	●	—	24VDC	IP65F (front panel)	GP Editor (drawing program) SmartStudio (logic program)	CE	LP-S044-S1D0-C5T-A
					—	●					LP-S044-S1D0-C5R-A
2	—	—	—	—	●	—	24VDC	IP65F (front panel)	GP Editor (drawing program) SmartStudio (logic program)	CE	LP-S044-S1D1-C5T-A
					—	●					LP-S044-S1D1-C5R-A
1	1	1	1	1	●	—	24VDC	IP65F (front panel)	GP Editor (drawing program) SmartStudio (logic program)	CE	LP-S070-T9D6-C5T
					—	●					LP-S070-T9D6-C5R
2	—	1	1	1	●	—	24VDC	IP65F (front panel)	GP Editor (drawing program) SmartStudio (logic program)	CE	LP-S070-T9D7-C5T
					—	●					LP-S070-T9D7-C5R