

Major features

- * Display max. 400 characters
- * Able to save max. 500 pages of user screen
- * Easy S/W upgrade at website (firmware, GP Editor, protocol, language and font)
- * PLC port allows to monitor and control the variables of additionally connected controllers
- * Various language supported : Korean, English, Japanese, Chinese, Russian (Other languages will be added by)
- * Multi font supported : Various bitmap fonts supported (selectable)
- * Easy to connect external units using multi communication ports (two RS232C ports or RS232C/RS422)
- * Device monitoring function makes possible to monitor controller's variable without graphic drawing data
- * Various external units connectable : PLC, printer, barcode reader and other controllers with no display parts
- * 38mm space saving design in depth
- * Various data display is available using diverse tags

Ordering Information

GP - **S** **044** **S** **1** **D** **0**

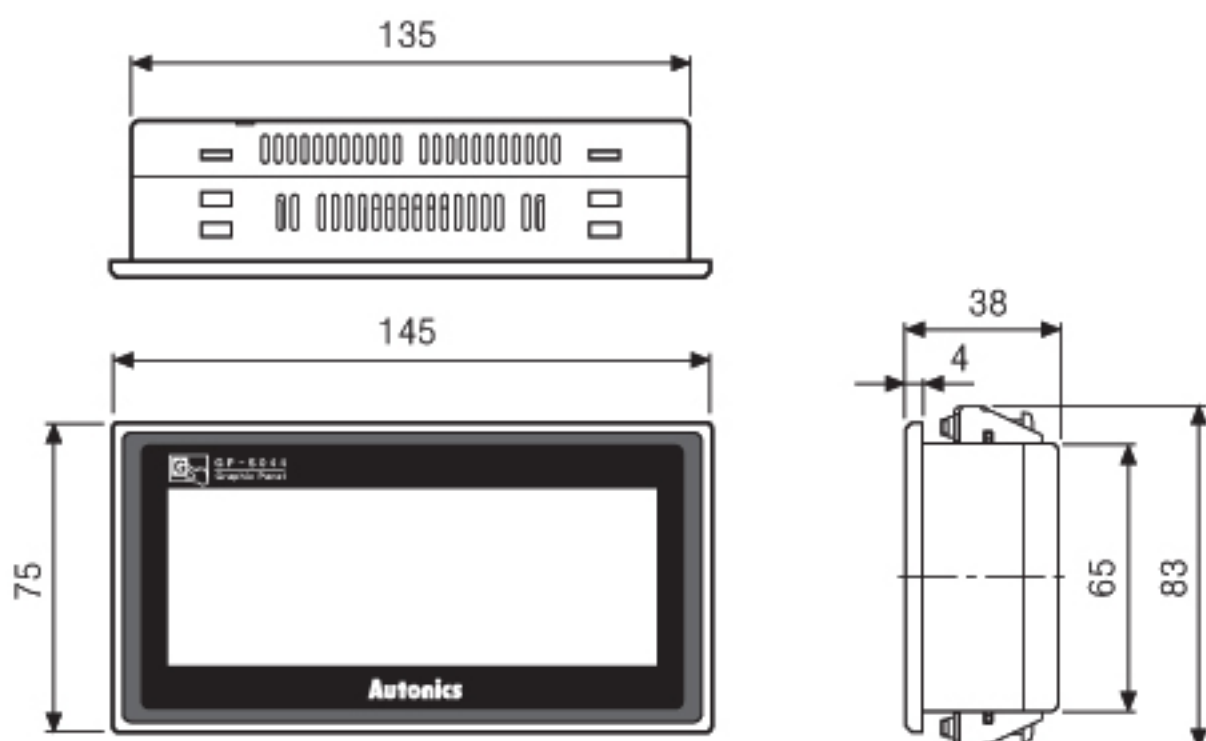
① ② ③ ④ ⑤ ⑥ ⑦

① Item	GP	Graphic Panel
② Series	S	S series
③ Monitor size	044	4.4"
④ Display Unit	S	STN LCD
⑤ Color	1	MONO (BLUE)
⑥ Power Supply	D	24VDC
⑦ Telecommunications port	0	RS232C, RS422 (1each)
	1	RS232C (2)

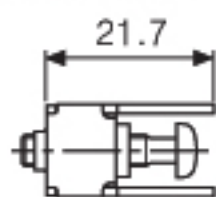
Specification Table

Model	GP-S044-S1D0	GP-S044-S1D1
Power supply	24VDC ±10%	
Power consumption	3.6W(Max.)	
LCD type	STN Blue Negative	
Resolution	240×80 dot	
Display area	112.78mm×37.58mm	
Color	Mono(Blue, White)	
Backlight	White LED	
Brightness	Adjustable by software	
Language	English, Korean	
Text	<ul style="list-style-type: none"> • High resolution display up to 400 letters • 6×8, 8×8 ASCII character, High quality view of numbers • 8×16 ASCII characters, 16×16 regional characters (1 – 8 times bigger for width, 0.5–5 times bigger for height) 	
Graphic drawing memory	512kB	
Number of user screen	500pages	
Serial interface	RS232C, RS422 ports	2 RS232C ports
Touch switch	Width 15×Height 4=60	
Battery life cycle	3 years at 25℃ (Alarm for low battery warning)	
Ambient temperature	0 ~ 50℃ (at non-freezing status)	
Storage temperature	-20 ~ 60℃ (at non-freezing status)	
Ambient humidity	35~85%RH (at non-dew status)	
Insulated resistance	Min.100MΩ (at 500VDC)	
Ground	3rd grounding(Max.100Ω)	
Noise strength	The square wave noise (Pulse width 1μs) by the noise simulator with ±500V R/S phase and repetition frequency 60Hz	
Dielectric strength	500VAC(50/60Hz) for a minute	
Vibration	Mechanical	0.75mm amplitude at frequency of 10~55Hz (for a minute) in each of X, Y, Z directions for an hour
	Malfunction	0.5mm amplitude at frequency of 10~55Hz (for a minute) in each of X, Y, Z directions for 10 minutes
Protection ratings	IP65F for front panel	
Accessory	Fixing bracket : 4pcs, Rubber waterproof ring, Battery included	
Approval	CE	
Unit weight	Approx.300g	

Dimensions



● Fixing bracket



● Panel cut-out

