



Human Machine Interfaces
efficient XGT Panel

eXP Series



Effective Control and Monitoring Solution
Cost-Efficient eXP!

- ☑ Simple Design
- ☑ 4.3", 7" and 10.2" wide-screen sizes TFT color LCD
- ☑ Wide variety of communication interfaces
 - 2-3-channel serial communication
 - Ethernet
- ☑ Large memory for drawing (64MB)
- ☑ RTC function (maintained by battery)
- ☑ Convenient downloading/uploading of drawings via USB port in the front



- TFT LCD-applied wide type
- LED Backlight adopted for enhanced contrast ratio and low-power
- PLC Ladder monitoring function: Only XGK/XBC supports*
- Web Server* / Data Server* / Path-Through Function*
- Remote Viewer Function*
- Screen editor : XP-Builder

* Functions supported by TTA model only



Specifications

Item	eXP20-TTA/DC	eXP40-TTE/DC	eXP40-TTA/DC	eXP60-TTA/DC
Display Type	TFT color LCD			
Display Size	10.9cm (4.3 inch)	17.7cm (7 inch)		25.9cm (10.2 inch)
Resolution	480 x 272 (WQVGA)		800 x 480 (WVGA)	
Color	16.7M colors			65,536 colors
Display Angle	Left/Right: 60 deg. Up: 40 deg. Down: 60 deg.			Left/Right: 55 deg. Up: 35 deg. Down: 55 deg.
Backlight	LED mode, Auto On/Off			
Backlight Capacity	30,000 hr or more		20,000 hr or more	
Brightness(LCD)	550 cd/m ²		500 cd/m ²	350 cd/m ²
Touch Panel	4-wire system, Analogue			
Sound	Magnetic buzzer (85dB)			
Processor	ARM9 Core (32bit RISC), 454MHz			
Memory	Flash	128MB(Screen 64MB)		
	Operation RAM	128MB		
	Backup RAM	128KB		
Backup Type	Date/Time data, Logging/Alarm/Recipe data, non-volatile device			
Battery Capacity	Around 3 years (Upon operation at 25°C)			
RTC Function	Built-in			
Ethernet	1 channel, 10/100BASE-TX	-		1 channel, 10/100BASE-TX
USB Port	1 channel, USB 2.0 host (mouse, keyboard, printer* and USB memory driver is available)			
	-	1 channel, USB 2.0 slave (for download and upload project file)		
RS-232C	1 channel			
RS-485	-	1 channel		
RS-422/485	1 channel, 422/485 Combination			
Multi-language	Up to 12 language simultaneously			
Animation	GIF format is available			
Recipe	available			
Data logging	available			
Script executor	available			
Certification	CE, UL(cUL), KC			
Protection	IP65			
Size (mm)	128.0 × 102.0 × 32.0		208.0 × 154.0 × 44.0	276.0 × 218.0 × 44.2
Panel Cut (mm)	119.0 × 93.0		192.0 × 138.0	260.0 × 202.0
Power	DC24V			
Power Consumption (W)	7.1		23.1	
Weight (kg)	0.3	0.59	0.60	1.0

*SEW00 printer only

Dimensions

[Unit: mm]

