Portrait Mode

• Vertical mounting is available
• Setting in XP-Builder: [COMMON]-[Project Property Setting]
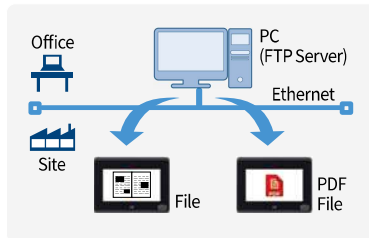
Item	eXP	eXP2
Vertical Mode	eXP20 Only	O
PDF Viewer	X	O
FTP Client	X	O
VNC Client	X	O

PDF Viewer

• PDF files can be displayed on XGT Panel.
• In the event of an alarm, the content of the alarm's trouble shooting can be checked on site as a PDF file.
• PDF files on an FTP server can be displayed using a PDF viewer object.
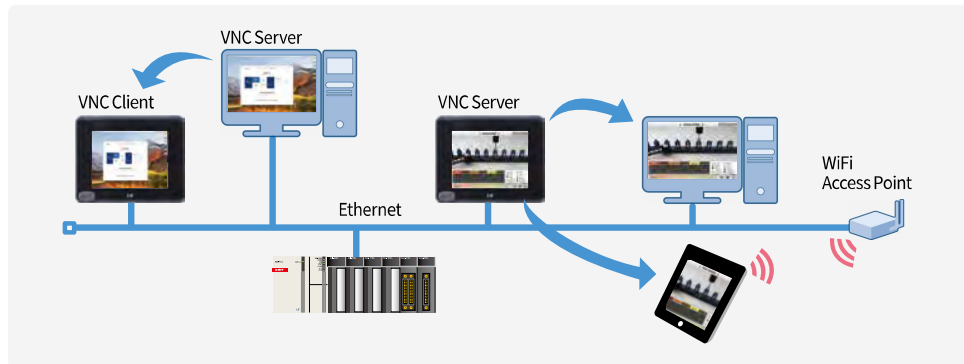
FTP Client

• FTP client is an object that can connect to the FTP server, display the list of files and directories on the FTP server, and download the selected file.
• PDF files on an FTP server can be displayed using a PDF viewer object.

VNC Viewer

• Remotely monitoring PC or HMI using VNC Viewer is available
  - Download VNC server to HMI using XP-Manager.
  - Install a universal VNC server on your PC.(Ultra VNC, Real VNC, etc.)
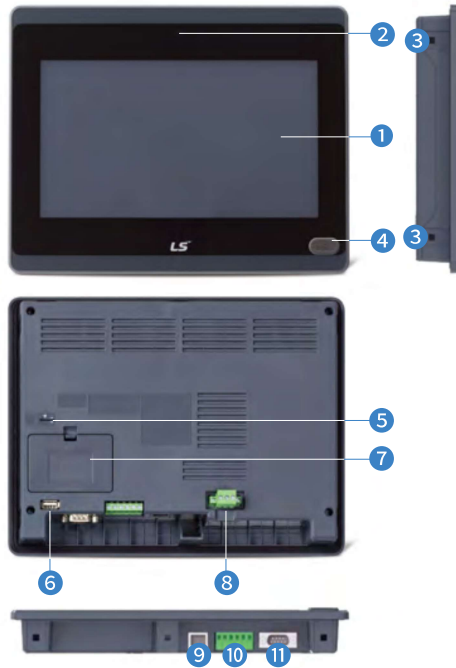• Add 'VNC Viewer' object to the project screen.

04

Model Naming

eXP	2	—	04	0	0	D	—	EX
❶	❷		❸	❹	❺	❻		❼

❶ Series
efficient XGT Panel

❷ Generation
2nd Generation

❸ LCD Size	
04	10.9cm (4.3")
05	14.2cm (5.6")
07	17.8cm (7")
10	25.5cm (10.1")

❹ OS Type	
0	WinCE 7.0(Core)
1	WinCE 7.0(Pro)

❺ Communication/SD Memory	
0	Standard Model: RS-232C/RS-485/RS-422/Ethernet
1	Advanced Model: RS-232C/RS-485/RS-422/Ethernet/Micro SD [1]
2	Basic Model: RS-232C/RS-485/RS-422 [2]

❻ Power	
D	DC24V

❼ Certifications	
EX	IP66, UL Type 4X

[1] Advanced Model: 07/10 model only
[2] Basic Model: 05/07 model only

Hardware Description

❶ **Front Screen**
· Analog Touch panel

❷ **Power Status LED**
· HMI status indication (On: Blue)

❸ **Panel Mounting Hole**
· Mounting bracket

❹ **USB Device**
· Logging/Recipe/Screen data backup
· Download/Upload project
· Upload project file
· XGT Panel update

❺ **Micro SD Card**
· Backup of data such as alarm/logging/recipe and storage of screen data
· Send/Receive project data, Send XP-runtime

❻ **USB Host**
· USB memory connection: logging/recipe/screen data backup
· Project data transfer/backup
· User interface connection: mouse/keyboard
· Printer connection

❼ **Battery Cover**
· Reset switch, Backup battery, Setting switch
 * Please refer to user's manual.

❽ **Power Terminal**
· Power input (24VDC)

❾ **Ethernet Terminal**
· Ethernet : 10Base-T/ 100Base-TX
  1) Send project data
  2) Receive backup data and project file
  3) Send XP-Runtime
  4) PLC/Control device communication

❿ **COM3 Connector**
· RS-422/485: PLC or control device communication

⓫ **COM1, COM2 Connector**
· RS-485, RS-232C: PLC or control device communication

Item		eXP2-04□*0D	eXP2-05□*0D	eXP2-05□*2D	
Display Type		TFT color LCD			
Screen Size		10.9cm (4.3")	14.2cm (5.6")		
Display Resolution		480 x 272 Pixel	640 x 480 Pixel		
Color Indication		24Bit Color (16.7M)	18Bit Color (65,536)		
Indication Degree		Left/Right: 60 deg. Upper: 40 deg. Lower: 50 deg	Left/Right: 60 deg. Upper: 40 deg. Lower: 60 deg.		
Backlight		LED Type (Supports Backlight Auto-off Function)			
Backlight Duration		50,000 Hours	20,000 Hours		
Touch Panel		4-Wire Resistive, Analog			
Audio Output		Magnetic Buzzer (85dB)			
Process		800MHz			
Memory	Drawing Memory	64MB			
	Operating RAM	512MB			
	Backup RAM	128KB			
Backup Data		Date/Hour Data, Logging/Alarm/Recipe Data and Nonvolatile Device			
Battery Life		Approx. 3 years (Operating Ambient Temperature of 50°C)			
Ethernet		1 Channel, IEEE802.1a, 10Base-T/100Base-TX		-	
USB Host		1 Channel, USB 2.0 Host (Mouse, keyboard, printer, USB flash drive, etc.)			
USB Device		-	1 Channel, USB 2.0 Device (for Download and Upload Project)		
Micro SD Card		-	-		
RS-485, RS-232C		1 Channel, RS-232C (DSUB 9/Male Type)			
RS-422/485		1 Channel, RS-422/485 (DSUB 9/Male Type)			
Multi-language		Up to 12 Language Simultaneously			
Animation		GIF Format is Available			
Recipe		Available			
Data Logging		Available			
Script Executor		Available			
Certifications		CE, UL(cUL), UL Type 4X, KC	CE, UL(cUL), UL Type 4X, KC	CE, UL(cUL), KC	
Protection Standard		IP65 [Note 1)]			
Dimension (mm)		128 x 102 x 32.5	165 x 132.5 x 36.1		
Panel Cut (mm)		119 x 93	156 x 123.5		
Rated Voltage		DC24V			
Power Consumption (W)		4	5.5	5.5	
Weight (kg)		0.27	0.43	0.43	

□*: 0 (WinCE 7.0 Core), 1 (WinCE 7.0 Pro)
Note 1) IP66 for UL Type 4X models.

eXP2-04 (4.3")
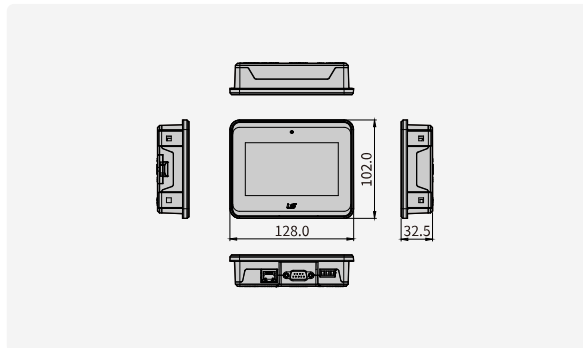
eXP2-05 (5.6")
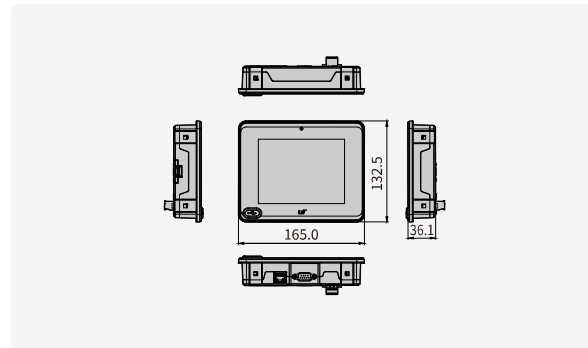
	eXP2-07□*0D	eXP2-07□*1D	eXP2-07□*2D	eXP2-10□*0D	eXP2-10□*1D
	TFT Color LCD			TFT Color LCD	
	17.8cm (7")			25.9cm (10.1")	
	800 x 480			1024 x 600	
	24Bit Color (16.7M)			24Bit Color (16.7M)	
	Left/Right: 70 deg. Upper: 50 deg. Lower: 70 deg.			Left/Right: 70 deg. Upper: 50 deg. Lower: 70 deg.	
	LED Type (Supports Backlight Auto-off Function)			LED Type (Supports Backlight Auto-off Function)	
	50,000 Hours			30,000 Hours	
	4-Wire Resistive, Analog			4-Wire Resistive, Analog	
	Magnetic Buzzer (85dB)			Magnetic Buzzer (85dB)	
	800MHz			800MHz	
	64MB			64MB	
	512MB			512MB	
	128KB			128KB	
	Date/Hour Data, Logging/Alarm/Recipe Data and Nonvolatile Device			Date/Hour Data, Logging/Alarm/Recipe Data and Nonvolatile Device	
	Approx. 3 years (Operating Ambient Temperature of 25°C)			Approx. 3 years (Operating Ambient Temperature of 50°C)	
	1 Channel, IEEE802.1a, 10Base-T/100Base-TX		-	1 Channel, IEEE802.1a, 10Base-T/100Base-TX	
	1 Channel, USB 2.0 Host (Mouse, keyboard, printer, USB flash drive, etc.)			1 Channel, USB 2.0 Host (Mouse, keyboard, printer, USB flash drive, etc.)	
	1 Channel, USB 2.0 Device (for Download and Upload Project File)			1 Channel, USB 2.0 Device (for Download and Upload Project File)	
	-	1 Channel SDHC Class10	-	-	1 Channel SDHC Class10
	2 Channels, RS-485, RS-232C (DSUB 9/Male Type)			2 Channels, RS-485, RS-232C (DSUB 9/Male Type)	
	1 Channel, RS-422/485 Mode (Terminal Type)			1 Channel, RS-422/485 Mode (Terminal Type)	
	Up to 12 Language Simultaneously			Up to 12 Language Simultaneously	
	GIF Format is Available			GIF Format is Available	
	Available			Available	
	Available			Available	
	Available			Available	
	CE, UL(cUL), UL Type 4X, KC		CE, UL(cUL), KC	CE, UL(cUL), UL Type 4X, KC	
	IP65 [Note 1]			IP65 [Note 1]	
	208 x 154 x 44.4			276 x 218 x 35.1	
	192 x 138			260 x 202	
	DC24V			DC24V	
	6			6	
	0.59	0.59	0.58	1.0	1.0

eXP2-07 (7")

eXP2-10 (10.1")