



XGT Panel

iXP2 Series

intelligent XGT Panel

High performance, user friendly and robust choice for your system, iXP2



Durability

- Slim and durable design with aluminum frame and a reinforced glass
- IP66 Certification with enhanced waterproofing and protection against dust.



Flexibility

- Dual Monitor function clone/extended mode
- Multi-touch settings for malfunction prevention.



Connectivity

- Various external interfaces to provide IoT solutions
- Ethernet 2ch., HDMI/Audio output, USB host/device, multimedia (video)



Convenience

- Compatible with IXP panel cut for replacement
- Depending on touch sensitivity, It can be set up to be used with bare hands or gloves

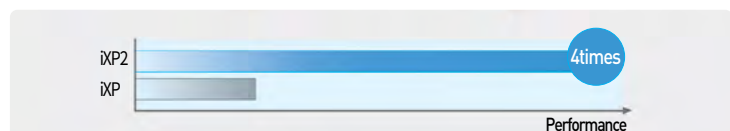
Responsive touch screen

- Touch sensitivity is improved by applying responsive touch screen.
- Use touch screen either with bare hands or with gloves.
- Various types of touch setting function can be used according to user's work environment

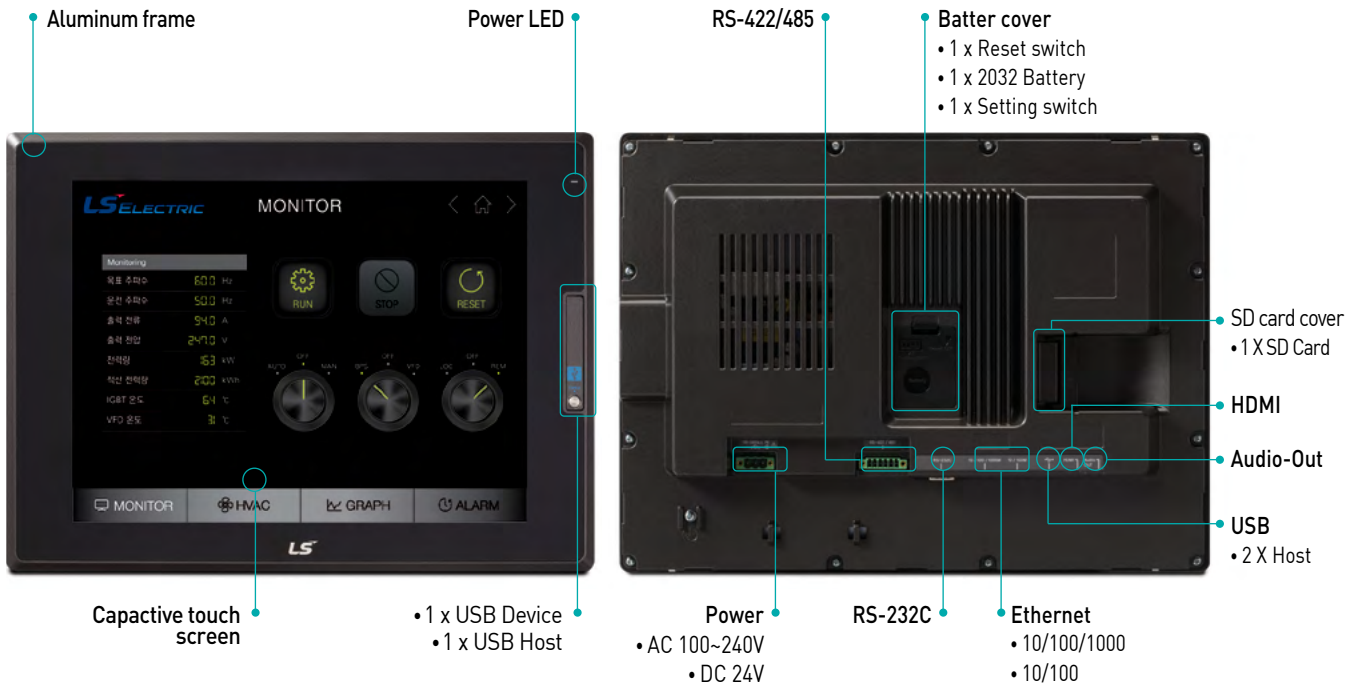


Dual-Core CPU offers high-speed communication and processing

High luminance/resolution LCD with an LED backlight and support for 16M colors, which makes clear and distinct color representation possible.



High functioning, user friendly and robust choice for your system



Multiple interface methods to cope with the Internet of Things

Ethernet 2ch., HDMI / Audio output, USB host/device, multimedia (video)



Multi-touch and gesture-control screens

Multi-touch maximizes operating stability and safety. Use gesture-control to view logging trend graphs and to change screens.



Robust IP66 aluminum frame

Reinforced protection against water and dust. Conforms to NEMA 4X standard.



Screen gesture

Flick to change screens.
No extra switching button is needed to change screens.

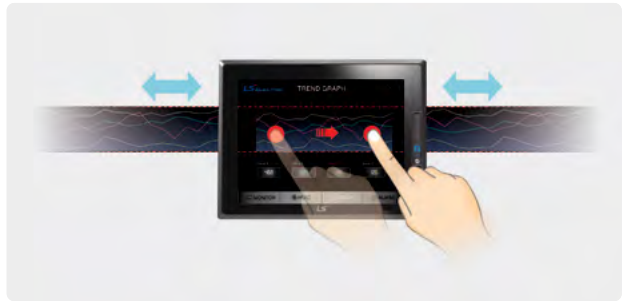


Object gesture

Select the object you want and then swipe and flick it.

Object list

- Logging trend graph
- View logging history
- View history alarms



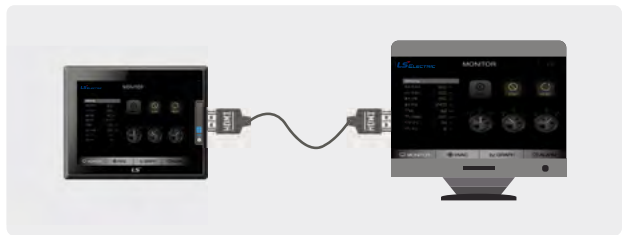
Multi-touch

Use multi-touch to protect your system from undesired errors.



Dual monitor mode and extension mode

Increase your convenience by duplicating or extending your screens.





iXP2 Series

Products

General Information

Item	Description			Standard
Ambient temperature	0°C~+50°C			
Storage temperature	-20°C~+60°C			
Ambient humidity	10~85%RH, without dew condensation			
Storage humidity	10~85%RH, without dew condensation			
Vibration resistance	Occasional Vibration			Counts 10 times each direction (X, Y and Z) IEC 61131-2
	Frequency	Acceleration	Amplitude	
	5≤f<9Hz	-	3.5mm	
	9≤f≤150Hz	9.8m/s ²	-	
	Continuous Vibration			
	Frequency	Acceleration	Amplitude	
	5≤f<9Hz	-	1.75mm	
	9≤f≤150Hz	4.9m/s ²	-	
Shock resistance	Maximum shock acceleration: 147m/s ² (15g) Authorization time: 11ms Pulse waveform: Half-sine wave pulse (3 times each of X,Y and Z)			IEC 61131-2
Noise resistance	Square wave impulse noise	DC: ±1,200V AC: ±1,600V		LSELECTRICStandards
	Electrostatic discharge	±4kV (Contact discharge)		IEC 61131-2, IEC 61000-4-2
	Radiated electromagnetic field noise	80 ~ 100MHz, 10V/m		IEC 61131-2, IEC 61000-4-3
	Fast transient/Burst noise	Power module: 2.4 kV, Communication interface: 1.2kV		IEC 61131-2, IEC 61000-4-4
Operating ambience	Free from corrosive gas and excessive dust			
Altitude	2,000m (6,562ft) or below			
Pollution degree	2 or under			
Cooling method	Natural air-cooling			

Specifications

Item	iXP2-0800A/D	iXP2-1000A/D	iXP2-1200A/D	iXP2-1500A/D
Display type	TFT color LCD			
Screen size	8.4"	10.4"	12.1"	15"
Display resolution	800×600	1,024×768		
Color indication	24-bit color (16.7M colors)			
Backlight	LED method, automatic On / Off support			
Backlight lifetime	40,000 hour			
Touch panel	Capacitive touch			
Audio output	Magnetic buzzer (85dB)			
Processor	1GHz, Dual core			
Memory	Flash	1GB		
	Operating RAM	1GB		
	Backup RAM	1 Mbyte		
Backup data	Date / Time data, Logging / Alarm / Recipe data, Non-volatile devices			
Battery	CR2032(3.0V/210mAh, About 3years/25°C)			
Video output	1 X HDMI			
Ethernet	1 X 10Base-T / 100Base-TX, 1 X 10Base-T / 100Base-TX / 1000Base-T			
USB host	3 X USB 2.0 (Front X 1, Rear X 2)			
USB device	1 X USB 2.0 (Send / Receive front, PC and project data etc.)			
RS-232C	1 X RS-232C (DSUB 9 / Male type)			
RS-422/485	1 X RS-422/485 (Terminal block)			
Multi-language	Can display 12 languages simultaneously			
Animation	GIF format support			
Recipe	Support			
Data logging	Support			
Script launcher	Support			
Standard certification	CE, KC, UL, IECEx, ATEX, KCs			
Protection standard	IP66, Conform to the UL type 4x, NEMA 4x standard			
Explosion proof	Ex nA IIC T5 Gc, Ex tc IIC T100°C Dc IP64			
Dimensions (mm)	240×180×60	271×212×60	313×239×60	395×294×66
Panel cut (mm)	228.5×158.5	259.0×201.0	301.5×227.5	383.5×282.5
Power	iXP2-xxxxA : AC100 / 240V, iXP2-xxxxD : DC24V			
Power consumption (W)	25	25	30	30
Weight (Kg)	1.87	2.35	3.0	4.6