

4.3" Compact Color GP411xT



TouchPanel
Operation



4.3 inch TFT Color LCD
Compact HMI

DC24V

4.3-inch

GP-411xT

Model: PFXGP4114T2D, PFXGP4115T2D, PFXGP4116T2D

Powered by

Screen Editor



(Version 4.05 or newer)



Features:

- 65,536 color, LED backlit TFT color LCD Display
- 64-bit RISC CPU for ultra-fast screen refresh and communication
- No grid analog touch panel for improved visibility and precise part placement
- USB Interfaces can be used for project transfer and to connect code readers
- Programmed with the versatile GP-Pro EX Screen Development Software

Specifications

Model	GP-4114T	GP-4115T	GP-4116T	
Order Numbers	PFXGP4114T2D	PFXGP4115T2D	PFXGP4116T2D	
Graphics Display Resolution	480 x 272 pixels			
Display	Type	4.3" TFT Color LCD		
	Colors	65k colors		
	Backlight	White LED Backlit, service life: 50,000 hrs. at 25°C (77°F) and 24 hr. operation		
	Brightness Control	16 Levels, adjustable through system menu and software		
	Touch Panel	Resistive Film (Analog) 1024 x 1024 pixels		
Memory	Application	8MB		
	Backup Memory	FLASH EPROM 128MB		
Interfaces	Serial (COM1)	--	Asynchronous Transmission: RS-232C Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, odd, or even Data Transmission Speed: 2,400 (1,200).....115,200 bps Connector: 2-piece terminal block 9 pin x 1	
	Ethernet	1x Ethernet IEEE802.3i/u, 10-BASE-T / 100-Base-T, RJ45	--	Asynchronous Transmission: RS-422/485 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, odd, or even Data Transmission Speed: 2,400 (1,200).....115,200 bps, 187,500 bps (MPI) Connector: 2-piece terminal block 9 pin x 1
	USB	1x USB 2.0 (Host) Type A with DC5V Power Supply 1x USB 2.0 (Host) Type mini-B		

General Specifications

Model	GP-4114T	GP-4115T	GP-4116T	
Electrical	Input Voltage	24Vdc		
	Rated Voltage	10.2Vdc to 28.8Vdc		
	Voltage Drop	12 Vdc: 1 ms or less, 24 Vdc: 3 ms or less		
	Power Consumption (no power to USB devices)	3.9 W or less	3.4 W or less	3.6 W or less
	Power Consumption (no power to USB devices)	8.1 W or less	7.5 W or less	7.7 W or less
Environmental	Surrounding Air Temperature	0...50° C (32...122° F) ^{*1}		
	Storage Temperature	-20° C (-4° F) to 60° C (140° F)		
	Surrounding Air and Storage Humidity	10%...90% RH (Non condensing, web bulb temperature 30° C (102.2° F) or less		
	Altitude Operation	800hPa to 1,114hPa, 2000 meters (6,561ft) above sea level or lower		
	Vibration & Shock Resistance	IEC/EN61131-2 compliant, 5 to 9 Hz Single amplitude 3.5mm [0.14in], 9 to 150 Hz Fixed acceleration: 9.8m/s ² X, Y, Z directions for 10 cycles (100 minutes)		
Structural	Ratings	NEMA #250 Type 4x (INDOOR), IP65f (IEC60529), EC 61010.		
	Certifications	UL 61010-1, UL 61010-2-201, and CSA-C22.2 No.142, CSA-C22.2, CE		
	External Dimensions	W 124.4mm [9.42n] x H 90.4mm [3.56in] x D 38.8mm [1.53in]	W 124.4mm [9.42n] x H 90.4mm [3.56in] x D 38.8mm [1.53in]	W 124.4mm [9.42n] x H 90.4mm [3.56in] x D 38.8mm [1.53in]
	Cooling Method	Natural Air Circulation		
	Weight	0.22kg [0.49bs] or less		
	Warranty	Two year standard		

*1 The designated range for the surrounding air temperature is 0 to 45 °C (32 to 113 °F) when the output current of USB (Type A) interface is from 0.25 A to 0.5 A. NOTE: When using any of the options for this product, make sure to check the specifications for any special conditions or cautions that may apply to this product.

Communication Capabilities

Rockwell Automation	DF1	Mitsubishi Electric	A and FX Series Computer Link
	DH485		A and FX Series Ethernet
	Ethernet		FX, Q and QnA Series CPU Direct
Siemens AG	SIMATIC S7 MPI Direct		Q/QnA Series Serial and Ethernet
	SIMATIC S7 Ethernet		QUTE Series CPU Direct
Modbus-IDA	Modbus Master (RTU/TCP)		Q Series QnU CPU Ethernet
Omron Corporation	C/CV Series HOST Link	Digital Electronics	General Ethernet / Serial
	CS/CJ Series HOST Link		Memory Link (SIO/ETH)
	CS/CJ Series Ethernet	Keyence	KV700/1000/3000/5000 CPU Direct
Yaskawa Electric	MP Series SIO (Extension)	The list above is a small selection of the many drivers that are supported by the GP4x01M HMI. In addition to these drivers the GP4x01M Series HMI support USB code readers and USB Storage Devices for Project Transfer without PC.	
	MP / SERVO Ethernet		
Koyo Electronics / Automation Direct	KOSTAC/DL Series CCM SIO	Pro-face continuously adds and updates drivers and makes these available free of charge on the Otasuke-Pro! Technical Support website.	
	KOSTAC/DL Series Modbus TCP		
Fuji Electric	Micrex-F Series SIO	For a full list of supported drivers, new drivers and updates visit: https://www.hmisource.com/otasuke/download/update	
	Micrex-SX Series SIO		
	Micrex-SX Series Ethernet		

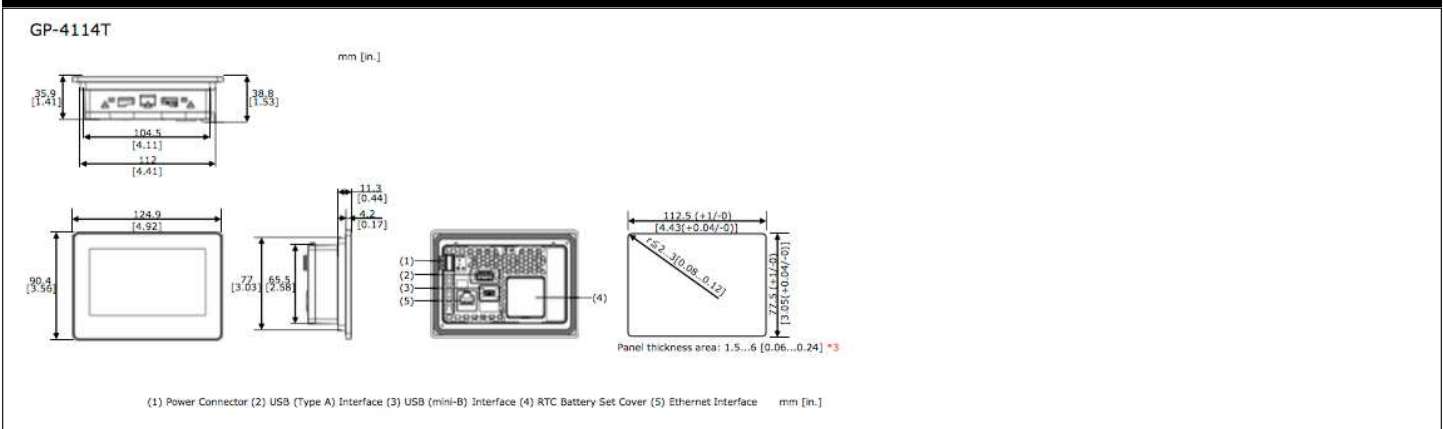
Ordering Information

Part Number	Description
PFXGP4114T2D	4.3"W TFT 65,536 colors, Ethernet, USB A/mini B, 12-24 Vdc
PFXGP4115T2D	4.3"W TFT 65,536 colors, RS232C, USB A/mini B, DC 12-24Vdc
PFXGP4116T2D	4.3"W TFT 65,536 colors, RS422/485, USB A/mini B, 12-24 Vdc

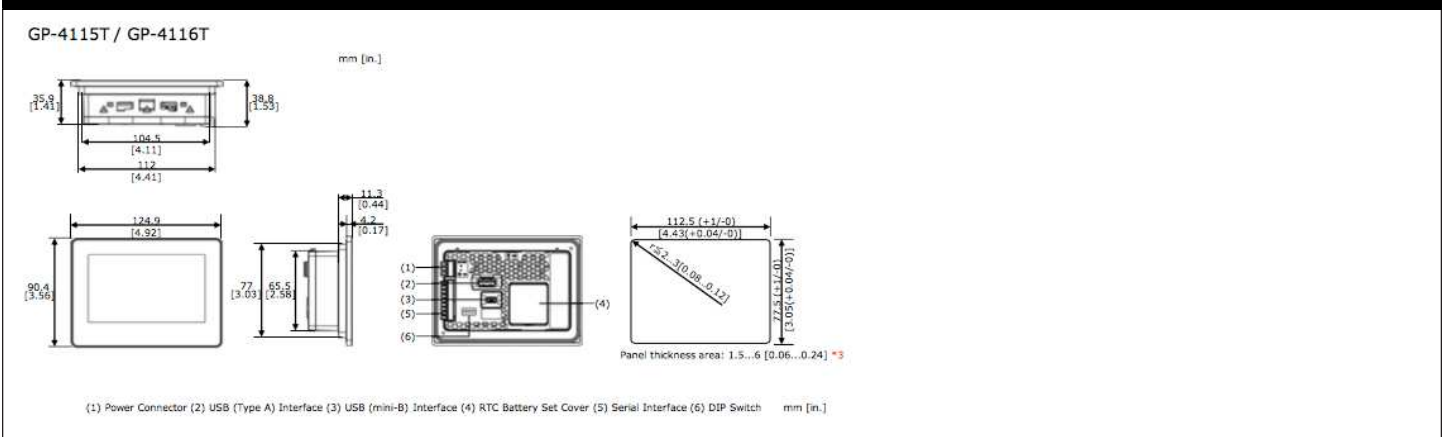
Optional Items

Part Number	Product Name
EX-ED-Vxx	GP-Pro EX Development Software (download version), xx refers to current version
EX-ED-Vxx-DVD	GP-Pro EX Development Software (download version + DVD backup media), xx refers to current version
PFXZCFUV43	UV Protection Sheet
PFXZCFAD31	Panel Cutout Adapter for retrofit applications for GP4100 monochrome series.
PFXZGMSW1	Replacement Socket Wrench
PFXZGPRTC1	RTC Battery Set
PFXZCFWG32	Installation Gasket

GP-4114T Dimensions



GP-4115T and GP-4116T Dimensions



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