

Liyan

PROGRAMMABLE LOGIC CONTROLLER

EP series

Combined Unit



EP300 : HMI ONLY
EP314 : PLC + HMI

<http://www.liyanplc.com>

Performance Specifications

◆ General Specification

Item		EP300	EP314
Display	Screen	Monochrome STN-LCD	
	Backlight	Setting range of backlight auto-closed 1~99minutes (value=0 is not closed)(Life is about 50,000 hours at 25°C)	
	Number of dot	128 x 64 dots	
	Range of display	67mm (W) X 32mm (H) ; 3.00 inches (Diagonal)	
	Contrast	10 sections contrast	
	Language / Font	ASCII: character (Taiwan: Traditional Chinese BIG5 code)	
LCD contrast adjustment		VR	
LCD backlight		LED backlight	
External interface	COM1 (RS232, RS422/485)	Non-synchronous transmission method ; Transmission speed: 9600 bps or 19200 bps	
	COM2 (RS232)	Non-synchronous transmission method ; Transmission speed: 9600 bps or 19200 bps	

◆ Electric Specification

Item		EP300	EP314
External power		24V (100mA Max.)	
Function key / Numeral key		0~9, A~F, F1~F6, ESC, SFT, CLR, ENTER and Direction keys	
Capacity of memory		256KB	64KB
RAM of system		32KB	
Communication interface		COM1: RS232,RS422/485 ; COM2: RS232	
Protection of panel		IP65	
Temperature of using hardware		0~50°C; relative humidity 20~90% RH (without condensation)	
Temperature of storing hardware		-20~60°C	
Shake against		0.5mm displacement, 10-55Hz, X, Y, Z three directions per 2 hours	
Strike against		10g, X, Y, Z three directions per 3 times	
Cooling method		Air convection to be cool naturally	
Weight(NW)(include steady)		289g	330g

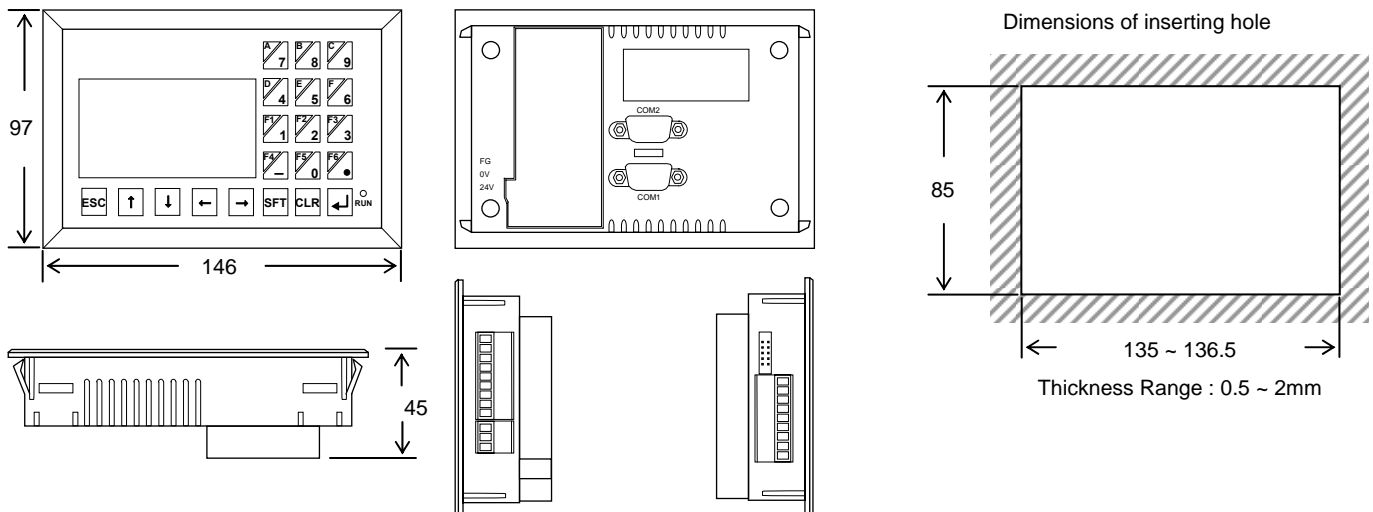
◆ Pin Arrangement

COM2	COM1	
RS-232 9PIN D-SUB Female	RS-232, RS422/485 9PIN D-SUB Male	
	RS232	RS422/485
2 TX 3 RX 5 GND	2 RX 3 TX 5 GND	6 RDA(RD+) 7 RDB(RD-) 8 TDA(TD+) 9 TDB(TD-)

COM1 communication mode (4PIN Dip Switch)

4PIN Dip Switch	RS232	RS422/485
SW1-SW2	OFF	ON
SW3-SW4	ON	OFF

■ Dimensions (Unit : mm)



LIYAN ELECTRIC INDUSTRIAL LTD.

No.8, Alley 32, Lane 667, Chung Shan Rd.,
Sheng Kang Hsiang, Taichung Hsien, Taiwan
TEL: 886-4-25613700 FAX: 886-4-25613408
E-mail: twliyan@ms16.hinet.net
Website: www.liyanplc.com