

EST240Z

Medium-Size Smart Terminal

The EST240Z Smart Terminal is a medium size programmable display unit with the multi-window display and adopts an STN device with high visibility. Provided with 256-color display having the fascinating color screen with the (BMP) bitmap pictures.

New AP Editor coping with Windows 95/98 can easily create applications with feeling of pasting smart objects such as pictures and operation settings by selecting those from the library.

Serial communication port and infrared communication port (IrDA) are provided as an interface with external equipment.



Specifications

Display unit	STN color LCD	
No. of pixels	320 x 240 pixels	
Bit pitch	0.10 (W) x 0.36 (H)	
Display life	Approximately 30,000h	
Back light life	10,000h (from which luminosity is expected in a half)	
Display characters	ANK 158 types and KANJI 6349 types including Non-KANJI 453 characters with JIS No. 1 and JIS No. 2 equivalents	
No. of display characters	40 characters x 30 lines (8 x 8 bits)	
	40 characters x 15 lines (8 x 16 bits)	
	20 characters x 15 lines (16 x 16 bits)	
Display character size	1 to 8 integer multiplication for each vertical and horizontal directions	
Graph unit	Straight line, rectangle, circle, arc, oval, optional pattern, etc.	
Graph line	Bar graph & segment curve	
Display function	Numeral, lamp, character line, sub-screen, etc.	
Memory capacity size	1M byte	
No. of registered screens	999 panels (the maximum number differs depending on application)	
Panel display	Up to 8 panels simultaneously	
Touch method	Transparent resistance film method (Analog)	
Life	1 million cycles by finger inputting	
DC I/O interface	Point number	Input: 1, Output: 1
Communication (CH0) interface	Communication specification	Infrared communication (IrDA 1.0 equivalent)
Communication (CH1) interface	Communication specification	RS-232C Equivalent
Communication (CH2) interface	Communication specification	RS-485 Equivalent (full / half duplex)
Communication (CH3, CH4) interface	Communication specification	RS-485 Equivalent (full / half duplex)
Supply voltage	24Vdc \pm 15% (20.4 to 27.6V)	
Ambient temperature	0 to 50°C	
Ambient humidity	30 to 85% (no condensation allowed) (however, in case of the ambient temperature above 40°C, the humidity must be the same as absolute humidity at 40°C, 85%)	
Environment	No corrosive gases	
Protective structure	IP65 (dust and splash water proof)	
Weight	1.3kg	
Mounting	Vertical panel mounting and fixing from the rear by auxiliary fittings	

Selection Guide

Model No.	Description
EST0240Z05WBX00	Medium-size Smart Terminal

AP Editor (Application software)

Model No.	Description
ESTX240SWWJC000	AP editor (CD-ROM) Windows 95/98
ESTX200SWDJ3002	DMC10 package (3.5 inch FD)

Auxiliary Parts

Model No.	Description
CBL232AFT02	RS-232C cable (2m) 25-9 pin
CBL232FFT02	RS-232C cable (2m) 9-9 pin
81446345-001	Battery

Dimensions

(unit:mm)

