

12" TFT LCD Display

POS Application



Where Versatility Meets Flexibility

P12DS / P12EX

Configuration	P12DS / P12EX	
LCD Display	12" TFT active matrix panel	
Pixel Pitch	P12DS	0.308 (H) x 0.308 (V) mm
	P12EX	0.240 (H) x 0.240 (V) mm
Max. Resolution	P12DS	SVGA 800 x 600
	P12EX	XGA 1024 x 768
Contrast Ratio	700:1 (Typ.) <small>w/o sensor or glass</small>	
Brightness	P12DS	450 cd/m ² (Typ.) <small>w/o sensor or glass</small>
	P12EX	500 cd/m ² (Typ.) <small>w/o sensor or glass</small>
Response Time (Tr+Tf)	35 ms (Typ.)	
Display Color	16.2M	
Effective Display Area	246 (H) x 184.5 (V) mm	
Viewing Angle (CR ≥ 10)	P12DS	160°(H) x 140°(V) (Typ.) <small>w/o sensor or glass</small>
	P12EX	160°(H) x 160°(V) (Typ.) <small>w/o sensor or glass</small>
Lamp Life (hr) / Backlight	50,000 (Min.) / LED	
Stand Base	L type	Tilt down : -5° , Tilt up : +60°
Input Signals	Analog	
Signal Connector	Analog	D-Sub15 pin (VGA)
Scan Frequency	60 ~ 75 Hz	
Audio System	1W / per channel driver	
Touch Panel	5 wire Resistive	
Touch Interface	RS-232 x1 or USB A type x1	
Key Control	Power on/off, with LED, Menu, Select, Adjustment (+,-)	
Power	Universal Power Adapter Input AC 100~240V, 50~60 Hz Output DC 12V / 3.3A, 40W	
Operating Condition	Temperature	0°C - 40°C (32°F - 104°F)
	Humidity	10% - 90% (no condensation)
	Altitude	To 10,000 feet
Storage Condition	Temperature	-20°C - 60°C (-4°F - 140°F)
	Humidity	10% - 90% (no condensation)
Dimensions (WxHxD)	312.0 x 310.4 x 146.0 mm	
Carton Dimensions (WxHxD)	387.0 x 412.0 x 241.0 mm	
Weight (Net)	4 kg	
Certification	CE, FCC, UL, C-UL	

* Specifications are subject to change without notice.

Features

- ⊙ High contrast color TFT LCD display support resolution up to 800 x 600 (P12DS) or 1024 x 768 (P12EX). Compatible with IBM, VGA, VESA standards.
- ⊙ Support DDC 1/2B for Plug & Play compatibility.
- ⊙ Advanced OSD control for picture quality adjustment.
- ⊙ Auto detects multi-signals input.
- ⊙ VESA mounting.
- ⊙ RoHS Compliance.

Optional Accessories

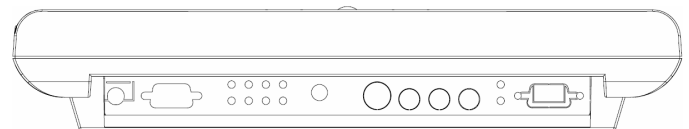
- ⊙ Anti-Glare / Anti-Reflective tempered glass (MOQ) .
- ⊙ Capacitive Touch Solution (MOQ) .
- ⊙ Choice of black or beige housing .
- ⊙ Photo Stand (J Type) Solution .
- Tilt down : 0° , Tilt up : +55° .
- Dimensions (WxHxD) :
312 x 313.7 x 96.8 mm


J type Stand

(Project Base)

- ⊙ Digital Signal [DVI-D] input .
- ⊙ Video Signal input .
- Signal Connector : RCA / S-Video
- NTSC / PAL / SECAM video systems compatible .

I / O Port



DC-in VGA

Audio-in

Video-in

Touch

Mechanical Drawing

Unit : mm

L Type
J Type
