

[INDUSTRIAL PC] Flat Panel Display

Flat Panel Display for analog RGB signal interface

IPC-DT/M20V(PC)T

10.4-inch TFT color LCD(640x480 dots)



IPC-DT/L20S(PC)T

12.1-inch TFT color LCD(800x600 dots)



IPC-DT/H20X(PC)T

15-inch TFT color LCD(1024x768 dots)



IPC-DT/H20X(PC)T

Features

- Analog RGB interface providing connectivity to a wide range of computer models.
- Supports USB along with RS-232C for touchscreen control interface.
- Auto-scaling feature that resizes the input screen to the LCD dot configuration.
- Full-bright, wide-angle-of-visibility type of liquid crystals capable of displaying up to 16,777,216 colors(15inch), 262,144 colors(10inch / 12.1inch)
- Front structure with IP65-compliant ingress protection.

Optional AC power supply
IPC-POA200/12-01

AC85-264V input
DC12V output



Optional Desk stand
IPC-SND-03



IPC-DT/H20X(PC)T

Specifications

Model	IPC-DT/M20V(PC)T	IPC-DT/L20S(PC)T	IPC-DT/H20X(PC)T
Assembly type	Panel mounted		
Screen size	10.4 inch	12.1 inch	15 inch
Number of pixels	640x480 dots	800x600 dots	1024x768 dots
Display type	TFT color LCD		
Number of colors	262,144 colors		16,777,216 colors
Brightness control	Adjustment using the front switch or software control from the host computer		
Backlight control	Adjustment using the front switch, software control from the host computer, or ON/OFF control via the rear-panel connector input		
Display interface	Analog RGB input HD-SUB 15 pin (Female) connector		
Picture signal	RGB separation, Analog, Positive polarity 0.7Vp-p/75Ω		
Synchronized signal	V/H separation, TTL, Positive / negative polarity		
Scan frequency	Horizontal:31-38kHz,Vertical:60Hz	Horizontal:31-48kHz,Vertical:56-75Hz	Horizontal:31-60kHz,Vertical:56-75Hz
Touch panel			
Resolution	4096x4096		
Detection method	Resistive-layer analog method		
Touch activation force	0.5N±0.3N		
Touch life expectancy	One million repeated touches (silicon rubber load of 3 N)		
Touch panel interface	RS-232C or USB: Connection to the host computer via the DB-9 (male)/RS-232C or Type-B/USB connector **		
Power consumption	DC+12V ±5% 1.3A (Max.)	DC+12V ±5% 1.3A (Max.)	DC+12V ±5% 1.8A (Max.)
Operating temperature/Storage temperature/Humidity	0-50°C / -10-60°C / 20%-85%RH (non-condensing)		
Floating dust particles/Corrosive gases	Not to be excessive/None		
Front Panel protection	Meets NEMA 4/IP 65		
Dimensions(mm)	317(W)x277(H)x44(D)	370(W)x307(H)x48(D)	428(W)x336(H)x48(D)
Weight	3.5kg	4.4kg	5.5kg

**1:Support OS:Windows 98,Windows Me,Windows 2000