

Dano OP24C-301

24.0-inch LCD Open Frame Display

Professional industrial display for both performance and reliability

Scope

The OP24C is an industrial-grade product guaranteeing exceptional reliability and durability. Its ultra-high brightness and contrast ratio provide a sharp, clear, brilliant image while under the best energy-efficiency. The ample connections along with the modular architecture allow for efficient chassis integration, plus the friendly OSD / one-touch auto adjustment, it not only provides an crisp readability, but is rugged enough to withstand the harsh conditions inherent in the industrial and public access venues, such as retails, self-service hospitality, transportation, education, and healthcare..

Technical Specifications

Display Panel	24.0" diagonal Active Matrix TFT LCD Panel, 0.27675 x 0.27675mm Pixel Pitch, Anti-Glare, Hard Coating (3H)	
Native Resolution	1920 x 1080 (FHD)	
Display Area (H x V)	531.36 x 298.89 mm (aspect ratio 16:9 Wide)	
Display Colours	16.7 million true colours (with dithering Hi-FRC technology)	
Contrast Ratio	1000 : 1 (Typical) [†]	
Average Surface Brightness	250 nit (cd/m ²) Brightness (Typical) [†]	
Viewing Angle (CR≥10)	170° (L/R) ; 160° (U/D)	
Response Time (Tr+Tf)	5ms (Typical) [†]	
Backlight Unit	LED	
Scanning Characteristics	Horizontal	30–94KHz (DVI-D)
	Vertical	56–75Hz
Analog Input	RGB Video	Analog (0.7 Vp-p/75 Ohms)
	Sync Signal	Separate Sync, TTL level, H/V Sync
AC/DC Adapter	Input: Universal AC 90 - 264 V, 50/60 Hz (automatic)	
Power Consumption	< 42 watts (on) ; < 5 watts (power saving)	
Power Management	EPA / Energy Star, VESA DPMS signaling method (4-mode)	
Plug & Play	VESA DDC 1 & 2B standards compliant	
User's Controls	Power on/off; Auto-adjust; Menu; Up/Left; Down/Right	
OSP™ (On-Screen Programmer) Screen Controls	Auto Tune; Contrast; Brightness; Screen setting (Phase, Clock, H/V- position); Colour temperature (9300, 7500, 6500°K, RGB, sRGB, Auto Colour); Language; Signal source; OSP Setup; Audio; Reset	
Language Supported	English, French, German, Spanish, Italian, Japanese, Chinese	
Input Connectors	DC-In, VGA 15-pin D-Sub	
Optional Equipment	Input Connection	DVI-D 24-pin; HDMI
	Video/Audio In	Composite (RCA); S-Video
	Touch Screen	Capacitive, Resistive, IR
Dimensions (HxWxD)	Physical	326.39 x 559.20 x 40.70 mm
Environmental	Operating	0°C - 50°C
	Storage	-20°C - 60°C
Preset Mode	VGA 640x350@70Hz, VGA 640x400@70Hz, VGA 720x400@70Hz, VGA 640x480 @60/72/75Hz, SVGA 800x600 @60/72/75Hz, XGA 1024x768 @60/70/75Hz, WXGA 1280x768 @60/75Hz, HD 1366x768 @60Hz, FHD 1920x1080 @60Hz	

[†] Subject to the type of panel used. ^{††} Wall mount arm and bracket not included.

