

WIDE

21.3" Industrial High Bright TFT Color LCD Monitor IDP2130HB



Main Features

- State-of-the-art LCD for high resolution and flicker free image
- High Brightness (450 cd/m²) and wide dimming ratio up to 1000:1 for comfortable viewing at all ambient conditions
- High performance video controller board designed and manufactured in-house for longer life cycle
- Drip-proof front filter glass with multilayer of index matched optical enhancement film for such as Anti-Reflective and Anti-Static treatment
- Optional touch screen available

Application Areas

- Air Traffic Control Tower System
- Mobile Air Traffic Control Tower System
- Vessel Traffic Service System
- Maritime Navigation and Ship Automation System
- Radar Display System

DREAM-LCD

Dependable Rugged Ergonomic Active Matrix-LCD

WIDE's IDP2130HB is a High Bright 21.3" TFT Color LCD monitor which is designed and tailored for operation in high ambient light environments such as air/vessel traffic control towers and maritime applications.

IDP2130HB features high light output up to 450 cd/m². Combined with a wide dimming range up to

1000:1, it provides comfortable viewing and optimal readability under all ambient light conditions (daylight, starlight, dawn and dusk levels).

It's all metal rugged construction, high efficient front filter glass with multilayer of index matched optical enhancement film and EMI shield and user-friendly slim design provides reliable display solution to system integrators

for mission critical operator display system. Optional features including but not limited to Touch Screen, VESA-Mount interface can be implemented to satisfy many different customer specific requirements.



World Innovative Display Engineering

21.3" Industrial High Bright TFT Color LCD Monitor

ELECTRO OPTICAL SPECIFICATIONS

Panel Type	Active Matrix Color TFT LCD-8bit
Screen Size	540.0 mm (21.3") diagonal 432.0 (H) x 324.0 (V) mm (17.01" H x 12.76" V)
Resolution	1600 (H) x 1200 (V) pixels
No. of Colors	16.7M colors, 256 gray scales
Luminance	450 cd/m ² (typical) on LCD
Contrast Ratio	450:1 (typical) @ dark room
Viewing Angle	± 85° (CR ≥ 10) Hor. and Vert.
Dimming Ratio	Up to 1000:1
Input Signal	Supports up to 1600 x 1200 (UXGA)
Input Connectors	BNC Analog / D-Sub Analog / DVI-D CVBS/S-Video (NTSC, PAL)
Sync Type	Separate / Composite / Sync-on-Green
Controls	5 Push Buttons and 1 Rotary Brightness Control
Remote Controls	RS232/422/485 (2x D-Sub 9pin)
Power Supply	100 ~ 240 VAC, 50/60 Hz (Std)
Power Consumption	100W max.
Power Connector	Std IEC Inlet, Outlet

ENVIRONMENTAL SPECIFICATIONS

Oper. Temperature	0°C to 50°C
Stor. Temperature	-25°C to 60°C
Humidity	5~95% RH, Non-condensing
Altitude (Oper.)	Up to 10,000 ft
Drip Proof	On front side
EMI/EMC	MIC, FCC Class B VCCI Class B, CCC
Safety	UL/cUL, CE
MTTR	Less than 0.5 hour

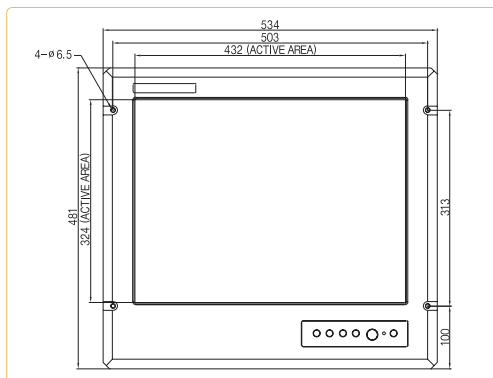
MECHANICAL SPECIFICATIONS

Dimension (W x H x D)	534mm x 481mm x 94.7mm (21.02" x 18.94" x 3.73")
Weight	10.2Kg
Bezel Color	Black
Mounting	Panel Mount (Std) VESA Mount (Adapter Kit)

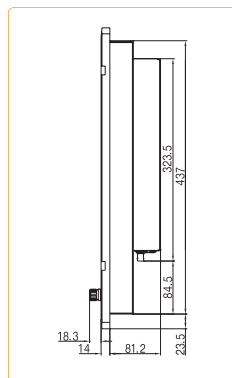
* Detail outline drawings are available upon request.

OPTIONAL FEATURES

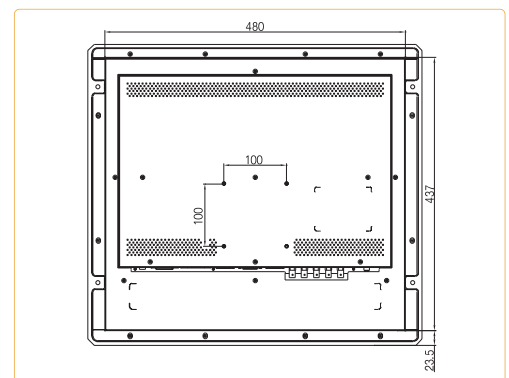
Touch Screen	SAW type (IDP2130TS)
VESA Mount Kit	
Customized packaging	Available upon request



● Front View



● Side View



● Rear View



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