

# TIM-231NH

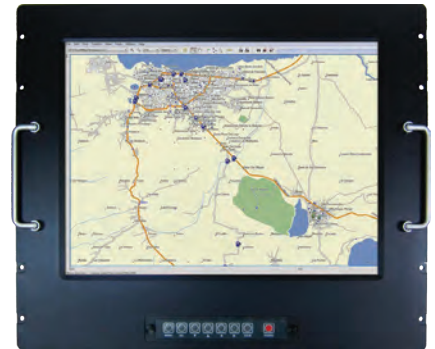
## 23.1 Inch Marine Monitor

### GENERAL

This specification defines the descriptions for the TIM-231NH TFT LCD Monitor. TIM series is developed and designed for use in operator display such as Industrial and Marine applications. TIM series are subject to strict quality tests performed both internally and by independent Classification societies in the World such as BV, LR and etc.

### KEY FEATURES

- 23.1 inch TFT active-matrix liquid crystal panel
- High Quality TFT with LED Backlight
- 1600 x 1200 resolutions
- Digital DVI-D, Analog RGB Input Signal
- Console Mounting Type
- Power range : 110VAC~230VAC 50/60Hz

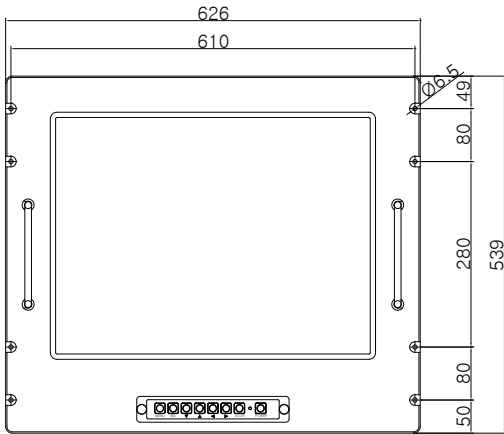


### GENERAL FEATURE

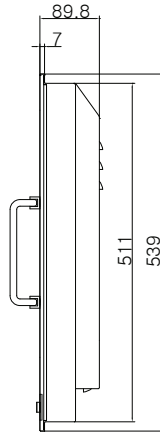
Section	Specifications
TFT Technology	Active Matrix Liquid Crystal Display Amorphous TFT (Thin Film Transistor) Anti-Glare & Anti-Reflective LED Backlight Technology
Viewable Size	23.1 inch diagonal
Active Area	470.4mm (H) x 352.8mm (V)
Resolution	1600 x 1200
Pixel Pitch	0.294 (H) x 0.294 (V)
Aspect Ratio	4:3
Response Time	12ms
Brightness	500cd/m <sup>2</sup>
Contrast Ratio	600:1
Viewable Angle	170°RL / 170°UD
Max Colors	16.7Million True Color
Synchronization Range	31~80KHz (Horizontal) 55~76Hz (Vertical)
Optimal Resolution	1600 x 1200 @60Hz
Detectable Resolution	640 x 350, 640 x 480, 720 x 400, 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200
Input Signal	1 x VGA (D-SUB 15p female) 1 x DVI-D (DVI 24p female)
Power Specification	110VAC~230VAC 50/60Hz (IEC Standard AC Inlet)
Consumption	80W (MAX)
Product Dimension	626mm (W) x 89.8mm (D) x 539mm (H)
Weight	18.49kg
Operation Conditions	Temperature : 0°C to +50°C Humidity : up to 95%
Storage Conditions	Temperature : -20°C to +60°C Humidity : up to 95%
Options	Dimming : 0~100%
Test Approval	IEC 60945, IACS E-10
Certification	BV, LR

# MARINE LCD MONITOR

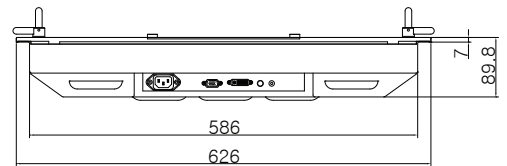
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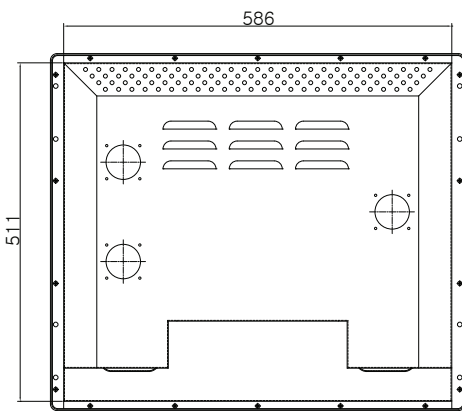
FRONT VIEW



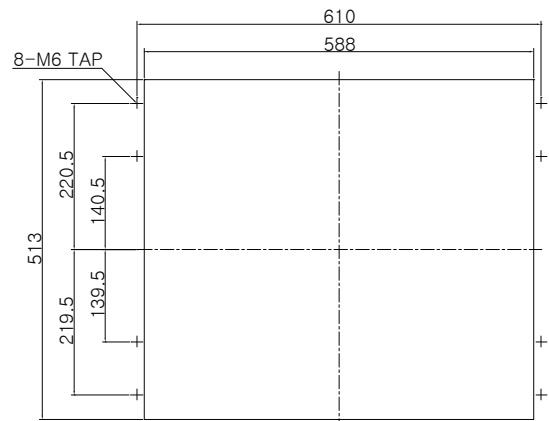
SIDE VIEW



BOTTOM VIEW



REAR VIEW



PANEL CUTTING

### Tetradyne Co., LTD.

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