

# TIM-W220NH

## 22 Inch Marine Monitor

### GENERAL

This specification defines the descriptions for the TIM-W220NH 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 ABS, BV, DNV, KR, LR, RS and etc.

### KEY FEATURES

- 21.5 inch TFT active-matrix liquid crystal panel
- High Quality TFT with LED Backlight
- 1920 x 1080 resolutions
- Digital DVI-D, Analog RGB Input Signal
- Console Mounting Type
- Power range : 110VAC~230VAC 50/60Hz

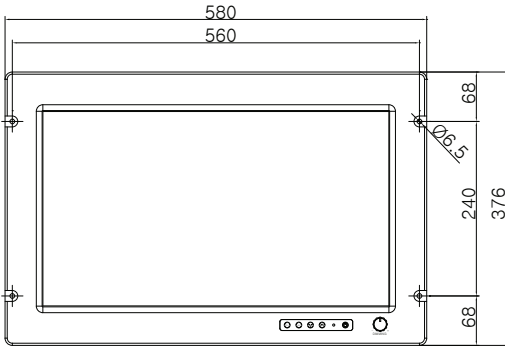


### GENERAL FEATURE

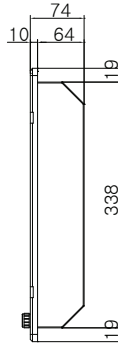
Section	Specifications
TFT Technology	Active Matrix Liquid Crystal Display Amorphous TFT (Thin Film Transistor) Anti-Glare & Anti-Reflective LED Backlight Technology
Viewable Size	21.5 inch diagonal
Active Area	476.064mm (H) x 267.786mm (V)
Resolution	1920 x 1080
Pixel Pitch	0.247 (H) x 0.247 (V)
Aspect Ratio	16:9
Response Time	14ms
Brightness	250cd/m <sup>2</sup>
Contrast Ratio	1000:1
Viewable Angle	178°RL / 178°UD
Max Colors	16.7Million True Color
Synchronization Range	31~80KHz (Horizontal) 55~76Hz (Vertical)
Optimal Resolution	1920 x 1080 @60Hz
Detectable Resolution	640 x 350, 640 x 480, 720 x 400, 1024 x 768, 1280 x 1024, 1440 x 900, 1680 x 1050, 1920 x 1080
Input Signal	1 x VGA (D-SUB 15p female) 1 x DVI-D (DVI 24p female) 1 x RS232 (D-SUB 9p female)
Power Specification	110VAC~230VAC 50/60Hz (IEC Standard AC Inlet)
Consumption	40W (MAX)
Product Dimension	580mm (W) x 74mm (D) x 376mm (H)
Weight	12.55kg
Operation Conditions	Temperature : 0℃ to +50℃ Humidity : up to 95%
Storage Conditions	Temperature : -20℃ to +60℃ Humidity : up to 95%
Dimming	0~100% OSD key (Option: Dimming Knob)
Test Approval	IACS E-10
Certification	ABS, BV, DNV, KR, LR, RS

# MARINE LCD MONITOR

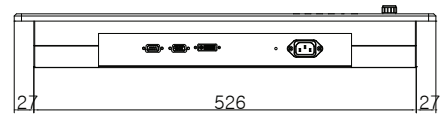
## TIM-W220NH



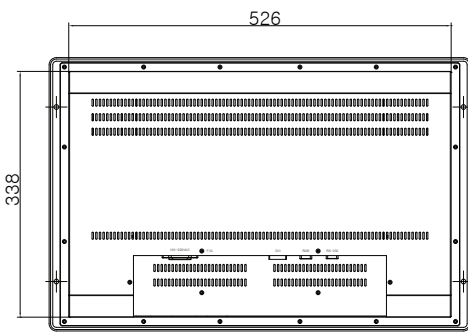
FRONT VIEW



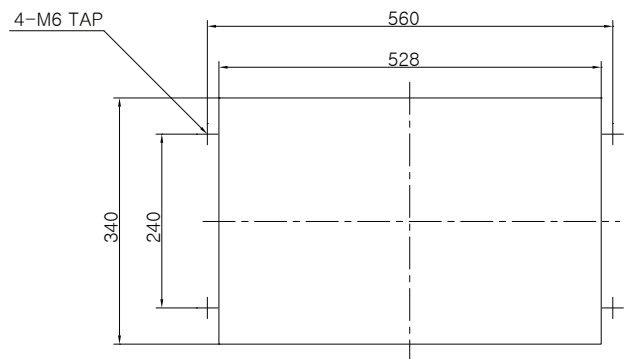
SIDE VIEW



BOTTOM VIEW



REAR VIEW



PANEL CUTTING

### Tetradyne Co., LTD.

#604/605, E&C VENTURE DREAM TOWER II, 55,  
DIGITAL-RO 33-GIL, GURO-GU, SEOUL, 08376, REP KOREA

Tel : +82-2-323-4972

E-mail : [sales@tetradyne.co.kr](mailto:sales@tetradyne.co.kr)

Web site : [www.tetradyne.co.kr](http://www.tetradyne.co.kr)

Contact Point

Specifications and features are subject to change without notice.

All products names are trademarks or registered trademarks of Tetradyne.co.,Ltd.