



SPECIFICATION : TSINE-1011-PCT

	Industrial Panel Mount LCD Monitor
MODEL	TSINE
PRODUCT NO.	TSINE-1010-PCT
CUSTOMER	
DATE	2022-03-22

APPROVED BY TOUCH AND DISPLAYS CO.,LTD	
ENGINEER	
REVIEWER	 <small>Touch & Displays Co., Ltd. Sung-Hyun Kim Managing Director</small>
CONFIRMED	



Embedded installation

Embedded installation

Wall mounted installation

Desktop installation

Louver installation

Cantilever installation

Boom type installation

DOCUMENT REVISION HISTORY

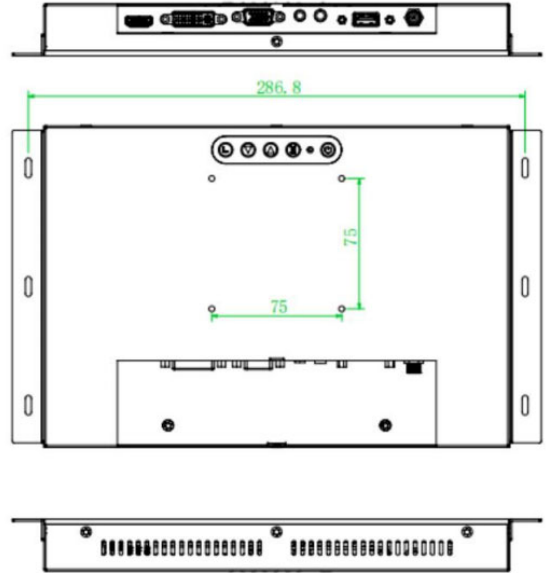
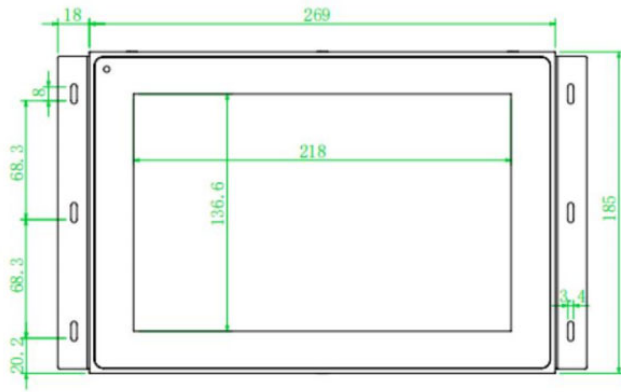
Date	Rev. No	Page	Description
03,22	TDS154	All	New

- Open frame design with sandblasting+hard anodizing, UV-protection and Anti-discoloration treatment , front IP65 waterproof and dustproof.
- Industrial LCD panel, full view angle, 1000nits sunlight readable, with light sensor for auto dimming.
- 10-points PCAP touch panel, cover with 2mm tempered glass(Chemically Strengthened) with 7H surface hardness. Anti-glare surface treatment.
- EETI waterproof solution, the touch function can work well with drop water on the screen.
- The monitor is built with industrial-grade components, 7x24 continuous operation, wide temperature operation - 20 °C ~ 70°C (-4°F ~158°F).
- Screwable DC jack, Support DC 9-36V

LCD panel	
Panel size	10.1"
Display active area	216.96(W)×135.6(H) mm / 8.542 in × 5.339 in
Resolution	1280*800
Aspect ratio	16:10
Brightness (cd/m ²)	1000 nits sunlight readable
Brightness control	Light sensor for auto dimming
Contrast ratio	900:1
View angle	85°/85°/85°/85° (R/L/U/D)
Support Color	16.7M
Backlight	WLED, 50K hours
Touch panel	
Touchscreen Type	Projected Capacitive Touch (up to 10 points)
Surface Hardness	7H
Surface treatment	Anti glare (chemical etching)
Luminousness	≥85%
Touch controller IC	EETI 80
Available touch	Windows, Linux, Android, Mac, etc
Touch bonding	Air Bonding
Touch options	(5 wires restive touch, IR touch optional)
External I/O Ports	
Video input	1×VGA, 1×DVI, 1×HDMI
Audio in/out	1×3.5mm Line-out, 1×3.5mm Line-in (2 x 2W Speakers)
Touchscreen interface	1×USB
Power connector	1×Screwable 9~36V DC jack
Power Supply	
Working voltage	DC 9~36V
Power consumption	10W
Power adapter	AC 100 ~ 240V input and DC +12V@3.33A MAX output, 40W
OSD	

Function Keys	5 Keys: Power/Menu/Up/Down/Return
Support languages	English, Français, Español, Português, Deutsch, Italiano, Nederlands, Svenska, Suomi, Polski, čeština, Русский, 한국어, 日本語, 繁體中文, 简体中文
Enclosure	
Material	Aluminium alloy bezel+ Zinc Plating cold rolled steel rear housing
Finish	Front bezel: Sandblasting+Hard Anodizing, UV-protection and Anti-discoloration treatment Rear housing: powder coated
Color	Black
Mounting	VESA mount 75*75mm, Panel mount
IP rating	Front panel IP65
Cooling system	Passive - Fanless
Design	Open frame design(3mm bezel design optional)
Operating Environment	
Temperature Range	Operating: -20 °C ~ 70°C (-4°F ~158°F) Storage: -30 °C~80°C (-22°F ~176°F)
Relative humidity	Up to 90% at all relevant temperatures, non-condensing
Vibration	GB/T 2423.10-2019
Shock	GB2423.5
EMC	Class B
Packing Details	
Weight	Net weight 1.7kg (3.74 lb) Gross weight 3kg (6.61 lb)
Product Dimension	269×185×30mm (10.59×7.283×1.181 in)
Packing info	1pcs/ctn 34×30×10.5cm (13.38×11.81×4.13 in) 3kg (6.61 lb) 5pcs/ctn 53×35×33cm (20.86×13.77×12.99 in) 16kg (35.27 lb)
Accessories	Power adapter, power cord, USB touch cable, HDMI/ VGA cable, embedded mounting screws
Other	
Warranty	1 year warranty

MECHANICAL DRAWING



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact our Team for more information.