SPECIFICATION

	Industrial Panel Mount LCD Monitor
MODEL	TSINE
PRODUCT MODEL NAME	TSINE-4911-4K
CUSTOMER	
DATE	2020-03-22

APPROVED BY TOUCH AND DISPLAYS CO.,LTD	
ENGINEER	Kyeong Min Lee
REVIEWER	*Touch & Displays Co.,Ltd* *Jung-Hyun Kim* *Managing Director*
CONFIRMED	
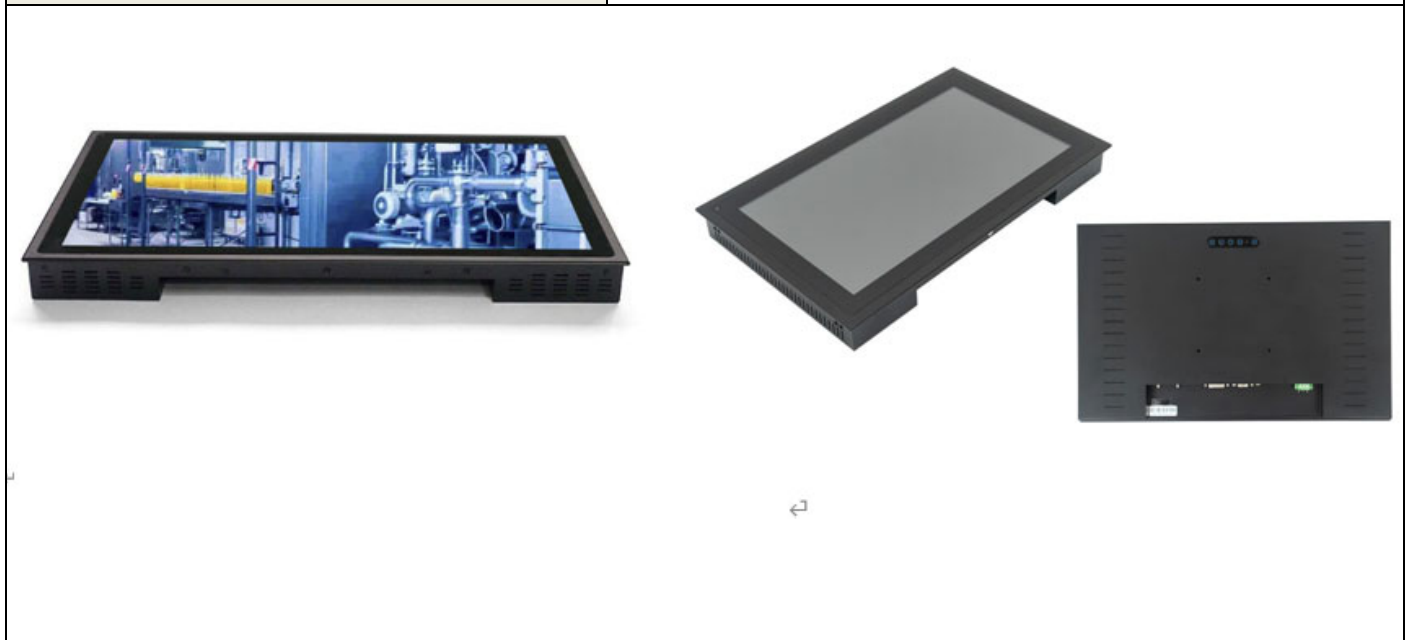
DQ : TDS200322-J01

MONITOR

Key Feature

- **High Brightness 1000 nits(optional)**
- **4K Resolution**
- **LED Backlight**
- **Wide Temperature (-20 ˚C ~80 ˚C)(Optional)**
- **DC adapter) 9V~36V(Optional)**
- **Low Power Consumption**
- **BL MTBF: 50,000 hour**
- **IPS(Wide Viewing Angle LCD(optional)**

ITEMS	SPECIFICATION	
LCD	Size	49" TFT LCD, LED Back light
	Active Area(mm)	1073.78mm(H) x604mm(V)
	Resolution	4096X2160@60Hz
	Contrast Ratio	1200:1(Typ)
	Display Color	16.7M
	Response Time	8ms(Typ)
	Brightness(cd/m2)	350cd/m2
	Viewing Angle(L/R/U/D)	89'/89'/89'/89'
	Operating Temperature	-10'~55'C
	Storage Temperature	-20~60'C
	Panel Interface	LVDS
	OSD key	5key(Menu/Down/Up/Enter/Power)
	Frame	Open Frame VESA mount/Open mount Bracket
	Signal Connector	VGA,DVI, HDMI
	Power source	DC12V in With External AC to DC 9V~36V(Optional)
Audio	Speaker	2x 3W(Optional)
IO Ports	Video	1xDVI

DQ : TDS200322-J01

		1xHDMI
		1xVGA
		1X DP (Optional)
		1XDVI-D, DVI-I(optional)
	Audio	Speaker(optional)
Mechanical	Enclosure	Metal
Audio	Speaker	Optional
Touch Screen(optional)		Resistive Touch Screen
		Touch Chip: EETI/Llitek/Weida
		Touch Point: Multi touch(1~10points standard, 50 points option)
		Touch Supply Voltage: 5V
		Touch Interface: USB
		Touch Support OS: Window/Android/ Linux/Mac
Accessories		1x24v dc cable, 1x3m HDMI cable, 1x 3m USB cable 100~240V AC to DC Adapter Power Cord
Weight (Net)		35kg
Surface Treatment		AG/AR/AF(Optional)
Water/Dust Protection		IP65(front)/ IK08(front)
Customer Request		

Display Port: Customization

LCD Brightness(Dimming): High Brightness / Sunlight Readable/Dimming : Auto,Knob,Manual

- Industrial monitor : 5% Dimming (Zero Dimming : please ask to Sales team)

- High-brightness monitor : 50% Dimming (5%, Zero Dimming : please ask to Sales team)

Touch Screen : PCAP touch screen/Resistive Touch Scree/ IR Touch Screen/SAW Touch Screen

Glass : Tempered Glass, AR/AG coating , Optical/Air Bonding

Power: DC voltage/AC voltage/Connector type

Cable/Connector: Length of Cable and connector type

Mechanical Housing/ IP grade/ Easy Mounting Design

All in One PC CPU Option   : J1900 , J4125, J6412
                  i3-6100U ,I3-8145u,i3-10110u,
                  i5-6200u, i5-7200u,i5-8262u,i5-10210u,
                  I7-6500U,I7-7500U,I7-8565U,I7-10510U

   For RAM: 4g/8g /16G RAM.

   For Hard Disk: 64G/128G/256G/512G SSD, or 500G/1T HDD.

PC-RGB Supported Model Table

This section lists some of the PC-RGB modes supported by this product, including their vertical frequency, horizontal frequency, and resolution.

PC-RGB Mode Table (This table is for the reference only, due to differences in signal source output, the data may vary from the table)

MECHANICAL DRAWING

TBD

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(TDS) for more information.