



### Features:

- Modular designed, aluminum-magnesium alloy, anodized treated;
- 19.0" TFT LCD Display, LED Backlit, SXGA 1280\*1024;
- High temp. 5-wires resistive touchscreen, EETI controller;
- USB touch interface, optional RS232 touch interface;
- DC 12V power input, optional wide DC 9 ~36v input;
- Multiple signal inputs: 1 HDMI, 1 DP, 1 VGA, 1 DVI;
- Panel mount, VESA 75/100 mount, Front IP65 rated protection
- Optional outdoor high brightness and optical bonding features.

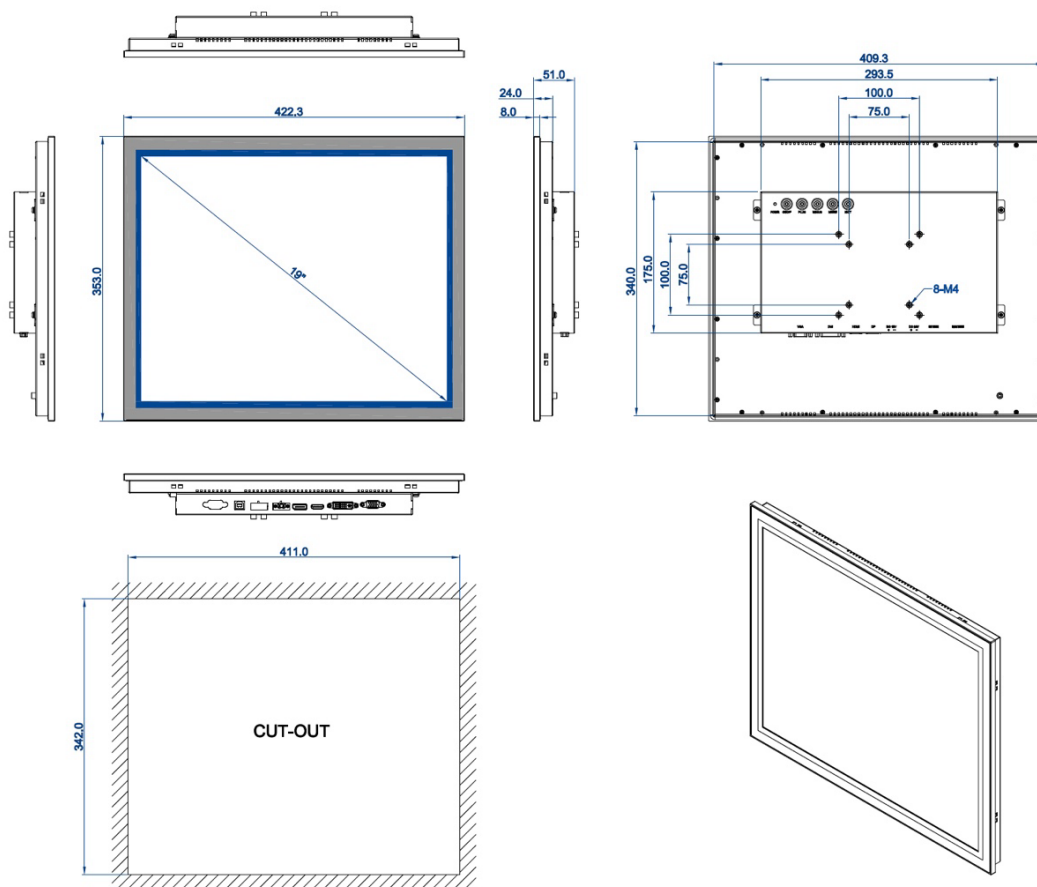
### Specification



<b>Basic</b>	Front Panel	Magnesium-aluminum alloy, anodized treatment
	Rear Panel	SGCC Plate sheet, sand-blasting
	Control Button	OSD button on top of backside
	Signal Input	1 VGA, 1 DVI, 1 HDMI, 1 DP
	Mount Method	Panel mount, VESA 75/100
	Overall Dimension	422.3 * 353.0 * 51.0 (mm)
	Cut-out Dimension	411 * 342 (mm)
	Net Weight	5.1 KG
	IP Rate	Front Surface IP65 water-proof/Dust-proof
<b>LCD Display</b>	Size/Type	19.0" TFT LCD Display
	Resolution	1280 * 1024 (SXGA)
	Brightness	250 nits
	Contrast Ratio	1000:1
	Backlit & Lifetime	LED Backlit & 30K hours
	Display Area	376.32 * 301.06 (mm)
	View Angle	85/85/80/80
<b>Touchscreen</b>	Type	High temp. 5-wires resistive touchscreen
	Click Life	35 million times /250g
	Draw Life	5 million times /250g
	Surface Hardness	MOHS 6H
	Touch Controller	EETI
	Touch Interface	USB touch (Optional RS232 touch interface)
	Special Treatment	PET film laminated (Flat design)
<b>Power &amp; Environmental</b>	Operating temp.	0 ~ + 50 (°C)
	Storage temp.	-20 ~ + 60 (°C)
	Humidity	10 ~ 95% @ 10C (No condensation)
	Vibration	50 ~ 500 Hz, 1.5G, 0.15mm peak to peak
	Shock	10G/Peak (11 ms)
	Power input	DC 12V (Optional wide voltage DC 9~36V)
	Power consumption	About 20W
	Certificate	CE/FCC/ROHS

## Dimension (mm)

DIMENSIONAL DRAWING:TM-PRA190



DIMENSIONS IN MILLIMETERS

**TAICEN**  
DATE:2020.12.15  
REV:A Unit:mm

## Ordering information

Part no.	Description
TM-PRA190	19.0" LCD, SXGA 1280 * 1024, Resistive Touch, USB Touch Interface, 1 HDMI, 1 DVI, 1 VGA, 1 DP, DC 12V, PSU
TM-PRA190S	19.0" LCD, SXGA 1280 * 1024, Resistive Touch, <b>RS232 Touch Interface</b> , 1 HDMI, 1 DVI, 1 VGA, 1 DP, DC 12V, PSU
TM-PRA190W	19.0" LCD, SXGA 1280 * 1024, Resistive Touch, USB Touch Interface, 1 HDMI, 1 DVI, 1 VGA, 1 DP, <b>DC 9~36V, No PSU by default</b>
TM-PRA190L	19.0" LCD, SXGA 1280 * 1024, <b>High brightness option</b> , Resistive Touch, USB Touch Interface, 1 HDMI, 1 DVI, 1 VGA, 1 DP, DC 12V, PSU
Optional Accessories	Description
HDMI Cable	HDMI Cable, around 2.0m length
DP Cable	DP Cable, around 2.0m length
DVI Cable	DVI Cable, around 2.0m length
PSU	40W PSU (Extra for TM-PRA190W model)
COM Cable	COM cable, around 1.8m length (For TM-PRA190S model)

## Packing List

Description	Quantity	Description	Quantity
Standard TM-PRA190	1 piece	VGA Cable, around 1.8m length	1 piece
40W PSU	1 set	Power Cable & Plug	1 set
USB Touch Cable, around 1.8m length	1 piece	Panel mount metal clips	1 set (8 pieces)